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UNITED STATES DISTRICT COURT

NORTHERN DISTRICT OF CALIFORNIA

ANN MARIE BORGES and CHRIS GURR,
individually and doing business as GOOSE
HEAD VALLEY FARMS,

Case No.

Plaintiffs.

COMPLAINT FOR DAMAGES
[42 U.S.C. § 1983]

COUNTY OF MENDOCINO, SUE
ANZILOTTI and Does 1 – 25 inclusive,

JURY TRIAL DEMAND

Defendants.

1 Plaintiffs Ann Marie Borges and Chris Gurr, dba Goose Head Valley Farms, allege as
 2 follows:

3 **JURISDICTION & VENUE**

4 1. This action is brought pursuant to 42 U.S.C. § 1983 and the Equal Protection Clause
 5 and the Due Process Clause of the Fourteenth Amendment to the United States Constitution.
 6 Jurisdiction is based upon 28 U.S.C. §§ 1331 and 1343.

7 2. The claims alleged herein arose in the County of Mendocino in the State of California.
 8 Venue for this action lies in the United States District Court for the Northern District of
 9 California under 28 U.S.C. §1331(b)(2).

10 **PARTIES**

11 3. Plaintiffs Ann Marie Borges and Chris Gurr (hereinafter “Plaintiffs”) are residents of
 12 Mendocino County, California. In August 2016 they purchased property in Ukiah, California
 13 zoned AG40. In 2017 they formed a business entity, Goose Head Valley Farms, for the purpose
 14 of growing medical cannabis at their 11 acres farm located at 1181 Boonville Road, Ukiah,
 15 California.

16 4. Defendant County of Mendocino is a public entity situated in the State of California
 17 and organized under the laws of the State of California. The County of Mendocino created a
 18 cannabis program that went into effect in the spring of 2017. The program was supervised and
 19 managed by the Commissioner of the Department of Agriculture for the County of Mendocino.
 20 At that time Diane Curry was the Interim Commissioner of the Department of Agriculture.

21 5. Defendant Sue Anzilotti is sued in her individual capacity as a private actor who
 22 conspired with state actors. At all times mentioned herein she was a neighbor of the Plaintiffs
 23 residing at 1551 Boonville Road, Ukiah, California. Defendant Anzilotti cooperated and
 24 conspired with County officials and County employees, acting under color of state law, to deprive
 25 the Plaintiffs of certain constitutional rights.

26 6. The true names and capacities, whether individual, corporate, associate or otherwise,

1 of Defendants named here as Does 1 -25 are unknown to the Plaintiffs, who therefore sue said
2 Defendants by such fictitious name. Doe Defendants were responsible in some manner for the
3 injuries and damages alleged herein. Plaintiff is informed and believes and thereupon alleges
4 upon information and belief that each of them is responsible, in some manner, for the injuries and
5 damages alleged herein.

6 **STATEMENT OF FACTS**

7 7. Plaintiff Ann Marie Borges is 62 years old. She grew up in Mendocino County and
8 still has family in Willits, just north of Ukiah. She attended high school and college in Georgia
9 before returning to California. She went on to have a 30 years career as a real estate agent for
10 Caldwell Banker and other companies. She is also a professional horse trainer.

11 8. Plaintiff Chris Gurr is 63 years old. He grew up in Georgia and met Ann Marie Borges
12 when they attended high school in Georgia. He had a 30 years career in Atlanta, Georgia as a
13 business owner and franchise owner. He was primarily involved in the sales of IT Solutions and
14 Services.

15 9. They reconnected at their 40th high school reunion and have been a couple ever since.
16 Chris Gurr relocated to Mendocino County in May 2016. They decided to partner in a business
17 venture to become licensed to cultivate medical cannabis on a suitable farm in Mendocino County
18 near Ukiah and outside the City limits. The business entity came to be known as Goose Head
19 Valley Farms.

20 10. Plaintiffs thoroughly reviewed the Mendocino County guidelines for the existing
21 Cannabis Program and reached out to the Department of Agriculture. Plaintiffs also attended
22 numerous meetings featuring County and State agency representatives. This information helped
23 guide the plaintiffs to the eleven (11) acres farm they purchased in August 2016 down a private
24 road off Boonville Road. It was ideal because it was zoned AG40 with an excellent well listed on
25 County records. It also was level land without erosion issues and had proper sun without having
26 to remove trees.

1 11. While in escrow the plaintiffs hired Bob Franzen of Redwood Water System to
2 perform a well test. They learned the water well produced 22 GPM and was dug 30 feet deep.
3 The plaintiffs also consulted with three licensed cannabis farmers who visited the site.

4 12. On May 1, 2017 plaintiffs completed their application to cultivate medical cannabis.
5 See Exhibit A attached. On May 4, 2017 – while accompanied by an attorney – plaintiffs met
6 with Commissioner Diane Curry and Christina Pallman of her staff. They learned their
7 application was approved based on the information contained in the application, documents
8 provided, and proof of prior cultivation experience.

9 13. Plaintiffs were given an “Application Receipt” signed by Commissioner Curry dated
10 May 4, 2017. See Exhibit B attached. It provides, in part, that; “The garden at this site is
11 considered to be in compliance, or working toward compliance, until such time as a permit is
12 issued or denied.” On June 19, 2017, the plaintiffs met with Commissioner Curry to complete an
13 “extinguish and transfer” worksheet related to prior cultivation by Ann Marie Borges at a coastal
14 location in the County.

15 14. Beginning on or about June 20, 2017 Defendant Sue Anzilotti contacted Steve White
16 of the California Department of Fish and Wildlife (CDFW) on behalf of “concerned
17 homeowners” who lived adjacent to Plaintiffs’ property. She made false allegations that the
18 water source for Plaintiffs’ approved cultivation site was not approved for use in commercial
19 cultivation operations.

20 15. On June 28, 2017 a public meeting was held by the Board of Supervisors for the
21 County of Mendocino. An issue in debate involved a dispute with a cannabis cultivator with a
22 coastal permit. An issue arose as to whether there were environmental issues unique to the coast
23 that should exclude permits to cultivate cannabis on the coast and exclude applicants for permits
24 who relied upon prior coastal cultivation experience to qualify under paragraph (B)(3) of the
25 Ordinance. Supervisor John McCune was the leading advocate to have the Ordinance so
26 amended and it was – potentially disqualifying the Plaintiffs as applicants.

1 16. During July 2017 Commissioner Curry contacted CDFW agents and requested an
2 opportunity to meet with them on Plaintiffs' property in order to better understand the
3 requirements relating to creeks located near cannabis farms. On July 25, 2017 two CDFW
4 employees came to the property unannounced, and without prior notice, after cancelling
5 appointments scheduled through Commissioner Curry. Without performing any tests, they
6 concluded it was likely water was being diverted from the creek and sent a letter to Commissioner
7 Curry stating that they suspected water diversion. At that time the Plaintiffs offered to turn off the
8 well and purchase water for irrigation while this issue was further investigated. Plaintiffs were
9 told to wait for CDFW to contact them.

10 17. On or about July 26, 2017 Plaintiffs hired a hydrologist, Donald G. McEdwards, to
11 take samples from the well and the creek in order to perform an extensive hydrology study. The
12 samples were provided to Alpha Labs in Ukiah. Plaintiffs were advised the results would be
13 available on or about August 10, 2017.

14 18. On August 10, 2017 at approximately 10:30 a.m. a convoy of CDFW vehicles arrived
15 at Plaintiffs' property and agents with guns pointed immediately placed the Plaintiffs in
16 handcuffs. Plaintiffs informed Steve White, the CDFW team leader, they had an application
17 receipt from the County and were in full compliance with all County regulations. They also
18 informed him that they were awaiting a report from Alpha Labs for tests of the creek water and
19 the well water. The CDFW team claimed they believed the water was being diverted from the
20 creek and proceeded to cutdown and eradicate the plants, i.e., 100 plants growing indoors under a
21 hoop and 171 plants growing outdoors in an approved location of 10,000 square feet. The garden
22 was within County guidelines and took up approximately one quarter acre on the 11 acres farm.

23 19. On or about August 13, 2017 Plaintiffs received the results of the water tests. See
24 Exhibit C attached. After a careful analysis of water samples from the creek and the well it was
25 determined that; "Of the sixteen constituent values compared, twelve are greater in the well
26 sample than in the creek sample. This means that the water in the well is distinct from the water

1 in the creek. Of particular note is the presence of iron and manganese in the well sample and
2 their absence in the creek sample.”

3 20. Because of a recent change to the Ordinance that impacted cultivation of cannabis at
4 coastal zones of the County, on or about August 14, 2017 Plaintiff Ann Marie Borges met with
5 Commissioner Curry and provided proof of prior cultivation from the town of Willits in the
6 County, an area not included in the coastal zone.

7 21. On or about September 16, 2017 Plaintiffs were contacted by Commissioner Curry
8 and notified their amended application had been approved. On September 19, 2017 the Plaintiffs
9 went to Commissioner Curry’s office to pick up the permit. The anticipated handoff was
10 prevented by Deputy County Counsel Matthew Kiedrowski. He informed the Plaintiffs that they
11 needed to provide additional proof that the site of prior cultivation in Willits was no longer able to
12 resume cannabis cultivation.

13 22. Plaintiffs hired a local land use attorney, Tina Wallis, to resolve this remaining issue.
14 On or about October 31, 2017 Tina Wallis, on behalf of the Plaintiffs, submitted to Matthew
15 Kiedrowski a signed Agreement Not to Resume Cannabis Cultivation at the prior cultivation site
16 in Willits. See Exhibit D attached. It was anticipated the permit would then be delivered.

17 23. On November 22, 2017 Plaintiff Chris Gurr made a formal complaint against Sue
18 Anzilotti to the Enforcement Division of the Fair Political Practices Commission. See Exhibit E
19 attached. The allegations centered on Sue Anzilotti’s use of her position as an unsworn
20 administrator with the Sheriff’s Office to obtain access of private information, including illegal
21 background checks, and misuse of her government position to conduct personal business to
22 influence decisions by County officials and employees that would personally benefit her.

23 24. After completing and submitting CalCannabis applications, on January 23, 2018 the
24 Plaintiffs received a Temporary Cannabis Cultivation License from the California Department of
25 Food and Agriculture. See Exhibit F attached. This was issued following a close examination
26 and inspection of the Plaintiffs’ property and water supply by the CDFW, the State Water
27

1 Resources Control Board, and the State Department of Food and Agriculture.

2 25. On or about March 2018 Diane Curry left her position as Interim Commissioner of
3 the Department of Agriculture.

4 26. On July 9, 2018 the County of Mendocino, Department of Agriculture mailed a letter
5 to the Plaintiffs notifying them that their application to cultivate medical cannabis had been
6 denied because they did not provide evidence of prior and current cultivation on the same parcel
7 as required by paragraph (B)(1) of the local Ordinance/10A.17.080. See Exhibit G attached. This
8 denial was based on a false and fraudulent premise.

9 27. The Plaintiffs never applied for a medical cannabis cultivation permit pursuant to
10 paragraph (B)(1) of the County Ordinance. Rather, Plaintiffs' application was submitted pursuant
11 to paragraph (B)(3) of the Ordinance which expressly allowed for permits to be issued based on
12 "relocation." It provides that; "Persons able to show proof of prior cultivation pursuant to
13 paragraph (B)(1) above may apply for a Permit not on the site previously cultivated (the 'origin
14 site') but on a different legal parcel (the 'destination site') subject to the following
15 requirements...". The Plaintiffs met all of the (B)(3) requirements as was determined by
16 Commissioner Curry in September 2017.

17 28. The Plaintiffs are the only AG40 applicants for a permit to cultivate medical cannabis
18 in the County of Mendocino who complied with all (B)(3) requirements but were denied a permit
19 by the County of Mendocino.

20 **ADDITIONAL FACTS RE CONSPIRACY CLAIM**

21 29. Defendant Sue Anzilotti was politically connected to at least two members of the
22 Mendocino County Board of Supervisors, John McCowen and Carre Brown. When Sue Anzilotti
23 began to complain publicly against the Plaintiffs to various state and local agencies she also
24 complained privately to many officials - including John McCowen and Carre Brown.

25 30. Co-conspirator John McCowen played a leading and influential role among a majority
26 of the Board of Supervisors. With that apparent authority he formed a special relationship with
27

1 Deputy County Counsel Matthew Kiedrowski, another co-conspirator. Matthew Kiedrowski was
 2 assigned by County Counsel Kit Elliot to oversee the Cannabis Program that was under the
 3 jurisdiction of the Commissioner of the Department of Agriculture. Diane Curry was the Interim
 4 Commissioner from as early as 2016 until she retired in March 2018.

5 31. Sometime after the Plaintiffs submitted their application in May 2017 Commissioner
 6 Curry was informed by Matthew Kiedrowski that John McCowen would never allow the
 7 Plaintiffs' project to be approved. He also mentioned a loophole John McCowen found in the
 8 ordinance to prevent (B)(3) applicants, such as the Plaintiffs, from obtaining permits if their prior
 9 cultivation experience was "coastal."

10 32. After the Plaintiffs amended their application to include an inland site in Willits to
 11 satisfy the prior cultivation requirement, Commissioner Curry decided to issue the permit and
 12 informed the Plaintiffs of this decision. However, co-conspirator Matthew Kiedrowski intervened
 13 and prevented the temporary permit from being delivered. He created another hurdle.

14 33. The Plaintiffs hired an attorney and the requested "Agreement Not to Resume
 15 Cannabis Cultivation" was provided to Matthew Kiedrowski. See Exhibit D attached.
 16 Nevertheless, the approved temporary permit was now being held hostage, under color of state
 17 law, by Matthew Kiedrowski in furtherance of the conspiracy between Sue Anzilotti, John
 18 McCowen and Matthew Kiedrowski. In addition, co-conspirators McCowen and Kiedrowski
 19 were acting as de facto final decision makers for the County of Mendocino.

20 34. In March 2018 Diane Curry retired from her position as Interim Commissioner of the
 21 Department of Agriculture. This is not the only case where members of the Board of Supervisors
 22 attempted to influence her through Deputy County Counsel Matthew Kiedrowski.

23 35. Diane Curry was replaced by Harinder Grewal. Commissioner Grewal signed a letter
 24 prepared by Matthew Kiedrowski dated July 9, 2018. The letter was sent by the County of
 25 Mendocino on or about that date officially notifying the Plaintiffs their application was denied
 26

1 and the reason for the denial. See Exhibit G attached. The manufactured reason for the denial is
 2 both false and pretextual.

3 **STATEMENT OF DAMAGES**

4 36. As a result of the acts and/or omissions alleged herein, Plaintiffs Ann Marie Borges
 5 and Chris Gurr dba Goose Head Valley Farm suffered, and continue to suffer, economic damages
 6 to their business and property. In addition, Plaintiffs suffered and continue to suffer general
 7 damages, including emotional distress, in an amount to be determined according to proof.

8 37. As a result of the acts and/or omissions alleged herein, Plaintiffs Ann Marie Borges
 9 and Chris Gurr dba Goose Head Valley Farm suffered past and future lost earnings and lost
 10 earning capacity in an amount to be determined according to proof.

11 38. The acts and omissions of Sue Anzilotti were willful, wanton, reckless, malicious,
 12 oppressive and/or done with a conscious or reckless disregard for the rights of Plaintiffs.
 13 Plaintiffs therefore pray for an award of punitive and exemplary damages in an amount according
 14 to proof.

15 39. Plaintiffs have retained private counsel to represent them in this matter and are entitled
 16 to an award of attorneys' fees and costs.

17 **CAUSES OF ACTION**

18 **FIRST CAUSE OF ACTION**

19 **[42 U.S.C. §1983 – CLASS OF ONE/EQUAL PROTECTION – COUNTY OF MENDOCINO ONLY]**

20 40. Plaintiffs incorporate herein by reference the proceeding paragraphs of this complaint
 21 as though fully set forth herein.

22 41. The County of Mendocino denied the Plaintiffs' application for a temporary permit to
 23 cultivate medical cannabis for irrational and arbitrary reasons in violation of the Equal Protection
 24 Clause of the Fourteenth Amendment. Plaintiffs are the only AG40 applicants denied a
 25 temporary permit who met the necessary requirements under category (B)(3) of the Ordinance
 26 and were approved by Diane Curry acting as the Interim Commissioner of the Department of
 27 Agriculture.

42. Alternatively, Plaintiffs were treated as a class of one because of the ill will and malice of final decision makers for the County of Mendocino.

WHEREFORE, Plaintiff prays for relief as hereinafter set forth.

SECOND CAUSE OF ACTION

[42 U.S.C. §1983 – CLASS OF ONE/EQUAL PROTECTION – CONSPIRACY
BETWEEN THE COUNTY OF MENDOCINO AND SUE ANZILOTTI]

43. Plaintiffs incorporate herein by reference the proceeding paragraphs.

44. Defendant Sue Anzilotti, a private actor, conspired with John McCowen, a state actor, to achieve a common goal, i.e., prevent the Plaintiffs from becoming licensed by the County of Mendocino to grow medical cannabis at the farm they had recently purchased. The 11 acres farm is zoned AG40 for agriculture and was a near perfect site for cannabis cultivation in rural Mendocino County.

45. Supervisor John McCowen, as Chairman of the Board of Supervisors, then enlisted Deputy County Counsel Matthew Kiedrowski to join the conspiracy. In furtherance of the conspiracy Matthew Kiedrowski obstructed and prevented the Plaintiffs from receiving the temporary permit approved by Commissioner Curry in September 2017.

46. After Commissioner Curry retired in March 2018, and in furtherance of the conspiracy, Matthew Kiedrowski influenced Commissioner Grewal to sign a letter dated July 9, 2018 notifying the Plaintiffs that their application was denied. The reason given for the denial is transparently false and fraudulent.

WHEREFORE, Plaintiff prays for relief as hereinafter set forth.

THIRD CAUSE OF ACTION

[42 U.S.C. §1983 – SUBSTANTIVE DUE PROCESS – COUNTY OF MENDOCINO ONLY]

47. Plaintiffs incorporate herein by reference the proceeding paragraphs of this complaint as though fully set forth herein.

48. Plaintiffs have a property interest in the right to farm their property zoned AG40.

49. The County of Mendocino has the authority to regulate agricultural activities in the County limited, in part, by the laws and Constitution of the United States.

50. The County of Mendocino arbitrarily and capriciously and for no legitimate reason denied Plaintiffs a temporary permit to cultivate medical cannabis in violation of the Due Process Clause of the Fourteenth Amendment. The decision to deny the permit was made by one or more final decision makers for the County of Mendocino.

51. Alternatively, the decision to deny the temporary permit to cultivate medical cannabis shocks the conscience and/or was done with a purpose to harm or in deliberate indifference to the Plaintiffs' rights.

WHEREFORE, Plaintiff prays for relief as hereinafter set forth.

FOURTH CAUSE OF ACTION

[42 U.S.C. §1983 – SUBSTANTIVE DUE PROCESS – CONSPIRACY BETWEEN THE COUNTY OF MENDOCINO AND SUE ANZIOTTI]

52. Plaintiffs incorporate herein by reference the proceeding paragraphs as though fully set forth herein.

53. Defendant Sue Anzilotti, a private actor, conspired with John McCowen, a state actor, to achieve a common goal, i.e., prevent the Plaintiffs from becoming licensed by the County of Mendocino to grow medical cannabis at the farm they had recently purchased. The 11 acres farm is zoned AG40 for agriculture and was a near perfect site for cannabis cultivation in rural Mendocino County.

54. Supervisor John McCowen, as Chairman of the Board of Supervisors, then enlisted Deputy County Counsel Matthew Kiedrowski to join the conspiracy. In furtherance of the conspiracy Matthew Kiedrowski obstructed and prevented the Plaintiffs from receiving the temporary permit approved by Commissioner Curry in September 2017.

55. After Commissioner Curry retired in March 2018, and in furtherance of the conspiracy, Matthew Kiedrowski influenced Commissioner Grewal to sign a letter dated July 9,

2018 notifying the Plaintiffs that their application was denied. The reason given for the denial is transparently false and fraudulent.

WHEREFORE, Plaintiffs pray for relief as hereinafter set forth

PRAYER FOR RELIEF

Plaintiffs pray for relief as follows:

1. For compensatory and economic damages according to proof;
 2. For general damages according to proof;
 3. For an award of exemplary or punitive damages against Sue Anzilotti;
 4. For an award of attorneys' fees and costs as permitted by law; and
 5. For such other and further relief as the Court may deem necessary and appropriate.

JURY TRIAL DEMANDED

Plaintiff hereby requests a jury trial on all issues so triable.

Dated: July 8, 2020

SCOTT LAW FIRM

By: /s/ John Houston Scott
John Houston Scott
Attorney for Plaintiffs

Exhibit A



COUNTY OF MENDOCINO

DEPARTMENT OF AGRICULTURE

MEDICAL CANNABIS CULTIVATION APPLICATION PACKET

REVISED: APRIL 17, 2017

TABLE OF CONTENTS - MEDICAL CANNABIS CULTIVATION

- Application Checklist
- Cultivation Application
- Cultivation & Operations Plan
- Property Owner Consent Form
- Affidavit Sample
- Fingerprint Worksheet & DOJ LiveScan Form
- Site Plan Checklist & Sample
- Property Profile Sample (Planning & Building Services)
- Cultural Resources Brochure
- Medical Cannabis Cultivation Program Fee Schedule
- Cannabis Tax Information
- Mendocino County Medical Cannabis Cultivation Ordinance (10A.17)
- Mendocino County Medical Cannabis Cultivation Site (20.242)
- Registration for Patient/Primary Caregiver
- Helpful Resources

DIANE CURRY
Interim Agricultural
Commissioner

ARIF KEVER
Assistant Agricultural
Commissioner
Assistant Sealer of Weights &
Measures



**COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE**

CONTACT INFORMATION

890 N Bush Street

Ukiah, California 95482

TELEPHONE: (707) 234-6830

FAX: (707) 463-0240

Email: agcomm@co.mendocino.ca.us

Web: www.co.mendocino.ca.us

MEDICAL CANNABIS CULTIVATION - REGULATION APPLICATION CHECKLIST

Payment of a non-refundable deposit to the Treasurer/Tax Collectors office is required before submitting an application. This checklist should be used as a guide for applications involving outdoor, mixed light and indoor cultivation. Please submit this checklist with the application.
Applicable code sections

EXCLUSIONS AND RESTRICTIONS:

- Applications are only being accepted for cultivation sites within zoning districts of the Inland Zoning Code. Currently applications for cultivation in the Coastal Zone are not being accepted.
- No more than two permits may be issued to a person or entity pursuant to section 10A.17.070 (D) of the Mendocino County Medical Cannabis Cultivation Ordinance

APPLICATION:

- Mendocino County Department of Agriculture Application to Cultivate Medical Cannabis
- Copy of payment receipt from the Treasurer/Tax Collector's office
- Proof of prior cultivation (10A.17.080 (B)(1)) (*see below*)
- Site Plan of Entire Parcel including: *Refer to attached sample*
- Completed Cultivation and Operations Plan (refer to Medical Cannabis Cultivation and Operations Plan form) (10A.17.090(F))

PROOF OF CULTIVATION:

- The key to demonstrating Proof of Cultivation is to be able to demonstrate the validity of the dates on the documents you provide. The documentation must show that you actually were cultivating, where you were cultivating on your parcel, and how large your cultivation area was at the time. This documentation can take many forms, but photographic imagery is one of the best. Submit documentation for all examples below that apply.
- Photographic documentation and map imagery of cultivation activities occurring prior to January 1, 2016.
- Photographic documentation and map imagery of cultivation activities that currently exist.
- Proof of participation in the County's 9.31 cultivation program.
- At least one additional document demonstrating cultivation activities prior to January 1, 2016, which may be used to substitute for photographic documentation or map imagery of cultivation activities prior to January 1, 2016

Suggestions for map imagery for our county include:

Google Earth: [Google Earth](#)
 Tera Server: [Tera Server](#)
 Digital Globe: [Digital Globe](#)
 Harris MapMart: [MapMart](#)

- Also consider providing other documents that can demonstrate your activities such as grading permits, water board documentation, reports from law enforcement, as applicable (10A.17.080(B)(1)).

FOR INDOOR CULTIVATION FACILITIES (ATTACH IF APPLICABLE):

- Provide plan for compliance with all applicable building codes (10A.17.090(S))
- Identify the source of power (10A.17.090(S))
- Documentation that addresses the handling of waste discharge from the grow location or items including nutrients, spent growing media, un-used containers and other associated hardware, supplies and garbage (10A.17.090(S))

OTHER PERMITS, LICENSES AND DOCUMENTS (ATTACH IF APPLICABLE):

- If the applicant is not the record title owner of the legal parcel, written consent with an original signature from the owner allowing the cultivation of medical cannabis on their property by the applicant (10A.17.090(B)).
- If applying as a non-profit or partnership, a copy of the articles of incorporation or statement listing members of the partnership (10A.17.090(O)).
- By way of written agreement(s), proof that the applicant is authorized by one or more medical marijuana dispensing collectives or processors to produce medical marijuana for the use of the members of said collective(s) or processor(s) (10A.17.090(P)).
- Board of Equalization Seller's Permit if direct sale is intended to qualified patients or primary caregivers (10A.17.090(Q)).
- Copy of the statement of water diversion, or other permit, license or registration filed with the California State Water Resources Control Board (SWRCB), Division of Water Rights (10A.17.090(G)).
- Projects that disturb one or more acres of soil or projects that disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres are required to obtain coverage under the SWRCB General Permit for Discharges of Storm Water Associated with Construction Activity Construction General Permit Order 2009-0009-DWQ (10A.17.090(W)).
- Copy of Notice of Intent and Monitoring Self-Certification and any other documents filed with the North Coast Regional Water Quality Control Board (NCRWQCB) demonstrating enrollment in and compliance with (or proof of exemption from) Tier 1, 2, or 3, NCRWQCB Order No. 2015-0023, or any substantially equivalent rule that may be subsequently adopted by the County of Mendocino or other responsible agency (10A.17.090(I)).
- For non-exempt activities that involve construction and other work in the waters of the US, include a copy of a federal Clean Water Act (CWA) Section 404 permit obtained from the Army Corps of Engineers and a CWA Section 401 water quality certification from the NCRWQCB (10A.17.090(V)).
- If required, a Streambed Alteration Permit obtained from the Department of Fish and Wildlife (10A.17.090(J)).
- If the source of water is a well, a copy of the County well permit if available; applicant shall provide documentation showing the approximate date of installation (10A.17.090(K)).

- If water or sewer services to the cultivation site will be provided by a community provider, a will-serve letter from the provider indicating adequate capacity to serve the cultivation site (10A.17.090(Y)).
- The results of a "Cortese List" database search for sites known to be contaminated with hazardous materials, including sufficient information to demonstrate that cultivation is in compliance with any cleanup and/or abatement order that is established for the site (10A.17.090(X)).
- Clearance from CalFire related to compliance with requirements of Public Resources Code Section 4290 (10A.17.090(U)).
- A statement describing the proposed security measures (10A.17.090(N)).

Workshop
Reference
Only

DIANE CURRY
Interim Agricultural
Commissioner

ARIF KEVER
Assistant Agricultural
Commissioner
Assistant Sealer of Weights &
Measures



**COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE**

CONTACT INFORMATION
890 N Bush Street
Ukiah, California 95482
TELEPHONE: (707) 234-6830
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Email: agcomm@co.mendocino.ca.us
Web: www.co.mendocino.ca.us

APPLICATION TO CULTIVATE MEDICAL CANNABIS

Please Make Checks Payable to: Mendocino County Tax Collector
Application Fees are Non-refundable

Date:	May 1, 2017	
Application Number: (Completed by Department)		
Name of Applicant:	Chris Gurr Ann Marie Borges	
Business Address:	1181 Boonville Rd	
	City: Ukiah	State: CA
Residential Address:	1181 Boonville Rd	
	City: Ukiah	State: CA
Zip: 95482		
Phone:	Home:	Cell: (404) 617-0303 (678) 575-3224
Email:	gurr.chris@gmail.com borges.ann@gmail.com	
California Driver's License or Identification Card Number:	Chris Gurr Y4259856 Ann Marie Borges N8278667	
APN(s) of Parcel:	18519212	
Zoning Designation & Parcel Acreage:	AG-40/11.1 Acres	
Cultivation Site Address:	1181 Boonville Rd	
	City: Ukiah	State: CA
	Zip: 95482	

Permit Type (Check):	<input type="checkbox"/> C	<input type="checkbox"/> C-A	<input type="checkbox"/> C-B	<input type="checkbox"/> 1	<input type="checkbox"/> 1A	<input type="checkbox"/> 1B
	<input type="checkbox"/> 2	<input type="checkbox"/> 2A	<input checked="" type="checkbox"/> 2B	<input type="checkbox"/> 4	<input type="checkbox"/> 4-Nursery	<input type="checkbox"/> 4-Seed
Type C, C-A, and C-B permits are all restricted to a 2,500 square foot growing area, where C designates outdoor, C-A designates indoor, and C-B uses mixed light.						
Type 1, 1-A, and 1-B permits are all restricted to a 5,000 square foot growing area, where 1 designates outdoor, 1-A designates indoor, and 1-B uses mixed light. Minimum 5 acre parcel.						
Type 2, 2-A, and 2-B permits are all restricted to a 10,000 square foot growing area, where 2 designates outdoor, 2-A designates indoor, and 2-B grows using mixed light. Min. 10 acre parcel.						
Type 4 permits are designated for nurseries or seed nurseries and are restricted to a 22,000 square foot growing area. Minimum 10 acre parcel.						
Total Square Footage of Plant Canopy Area:	10,000					
Estimated Number of Plants:	100+					

Driving Directions from Ukiah:	From Hwy 101 go West on Hwy 253 one mile.					
	Turn left on Woody Glen Rd. Follow signs					
	for 1181 Boonville Rd.					

Do you currently have a Third Party Inspector you have been working with?

Yes (If yes, provide information below) No

Name:	
Company:	
Phone:	
Business Address:	

Is a four-wheel drive vehicle necessary to get to this location? Yes No

Are there guard dogs on the property? Yes No

Is there a locked gate at the entrance of this location or on the main entrance road(s) used to access this location? Yes No

If yes, give name and phone number of contact person:

Name:	
Phone:	

Will any of the following equipment be used on the property (Check all that apply):

1. Generators or other equipment (excluding motor vehicles): Yes No
 - Diesel Engines – 50 hp or grater or multiple engines that total 90 hp or grater
 - Non-diesel engines – 250 hp or greater
 - Odor Control (Abatement) Devices
 - Drying Equipment with exhaust stacks
 - Gasoline fuel storage and/or dispensing equipment
 - Boiler/Water heating equipment individually or cumulatively grater then 500,000 btu/hr.
2. Will any of the following operations be performed on subject property? Yes No
 - Open outdoor storage, processing and/or missing of soil or soil amendments
 - Grading, large area soil disturbance or road construction/maintenance (NOA Review)
 - Process that may generate fumes, dust, smoke or strong odors
(Includes: Manufacturing, processing, production, testing, dispensing facilities)
 - Open outdoor burning
 - Aggregate and/or wood processing activities

Each person applying for a permit and any other person who will be engaged in the cultivation of cannabis for medical use must be at least twenty-one (21) years of age (10A.17.090(c)). Please attach proof of age of applicant and all employees to the application packet.

Acceptable proof of age includes:

- ✓ Driver's License
- ✓ State Identification Card
- ✓ Passport
- ✓ Birth Certificate
- ✓ Social Security number application form
- ✓ Naturalization/immigration record
- ✓ Military record
- ✓ School record (if birth is listed)
- ✓ Insurance policy (if birth is listed)
- ✓ Marriage certificate (if birth is listed)

AGREEMENT TO INSPECTION

I hereby authorize the Department of Agriculture, Department of Planning and Building Services, and/or other appropriate County employees or agents or their designees, including building and fire inspectors, and who may be accompanied by representatives of State agencies or local districts, to enter the property only during normal business hours for the purpose of examining the location to confirm compliance with the provisions of Mendocino County Code Chapter 10A.17 for the purposes of issuing the permit being requested, and the provisions that will be set forth in the permit that may be issued on the basis of this application. I further agree to pay any fee for such inspections beyond the initial pre-site inspection by a combined inspection team.

Initial: 

CERTIFICATION

By signing this application you hereby certify:

1. I have read and understand Mendocino County Code Chapter 10A.17.
2. I have read and understand Mendocino County Code Chapter 20.242.
3. All of the information provided in this application is true and correct.

Printed Name of Applicant:	Chris Gorr
Signature of Applicant:	
Date:	May 1, 2017

DIANE CURRY
Interim Agricultural Commissioner



ARIF KEVER
Assistant Agricultural
Commissioner
Assistant Sealer of Weights &
Measures

COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE

CONTACT INFORMATION
890 N Bush Street
Ukiah, California 95482
TELEPHONE: (707) 234-6830
FAX: (707) 463-0240
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Web: www.co.mendocino.ca.us

MEDICAL CANNABIS CULTIVATION AND OPERATIONS PLAN

Date:	April 24, 2017		
Applicant Name:	Chris Gurr Ann Marie Borges		
Cultivation Site Address	1181 Boonville Rd		
	City: Ukiah	State: CA	Zip: 95482
Permit Type:	2-B		
Cultivation Area:	10,000 sq. ft.		
Zoning Designation:	AG-40		

NOTE: Applicants must either complete this questionnaire or self-generate a plan that shows your cultivation operation will meet the minimum legal standards for the following: water storage, conservation and use; drainage, runoff and erosion control; watershed and habitat protection, and proper storage of fertilizers, pesticides and other regulated products. The plan must also provide a description of soil/media importation and management, and a schedule of activities during each month of the growing and harvest season. If applicants choose to use this form and additional space is needed in any section, please reference and attach addition pages as necessary.

Please describe you are in your cultivation process, and what are your cultivation plans for the rest of the year? Please describe all cultivation activities with approximate dates.

See attached 2017 Proposed Operations Calendar

Operations Calendar

(NOTE: Use additional attached documents if more space is necessary)

January	
Activity	Approximate Date
No activity	All month
February	
Activity	Approximate Date
No activity	All month

March	
Activity	Approximate Date
Source clones, order dirt/nutrients	All month
April	
Activity	Approximate Date
Prepare hoops for clones, mix dirt, pots filled, plant clones	All month
May	
Activity	Approximate Date
Prepare for trenching, soil mixing, plant outdoor garden depending upon the weather.	All month
June	
Activity	Approximate Date
Care for hoop & outdoor plants. Neem, provide nutrients.	All month
Train plants, clean up plants.	
July	
Activity	Approximate Date
Harvest hoop, hang plants in drying shed. Neem.	All month
Dry - breakdown from stock, manicure, cure, store.	
August	
Activity	Approximate Date
Clean up outdoor bottoms, tie out, continue leafing, add nutrients and Neem.	All month
September	
Activity	Approximate Date
Harvest and dry early strains, manicure, cure, store.	All month
Continue to care for outdoor as listed above.	

Medical Cannabis Cultivation and Operations Plan
(Rev. 04/17/2017)

October	
Activity	Approximate Date
Harvest strains as ready, dry in shed, breakdown, manicure, cure, store.	All month
November	
Activity	Approximate Date
Continue above.	All month
December	
Activity	Approximate Date
Vacation	

SEED AND CLONE STOCK

List the source(s) of your seeds, cuttings, or tissue cultures.

Artifact Nursery - Laytonville, CA

If you grow your own clones/start your own seed, describe the infrastructure of your clone room (i.e. type and size, supplemental lights, watering system): Not applicable

How do you prevent seedling diseases and/or insect problems?

By maintaining sanitary conditions and controlling the environment with Neem.

SOIL AND CROP FERTILITY MANAGEMENT**A. GENERAL INFORMATION:****What are the major components of your soil and crop fertility plan?**

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> crop rotation | <input type="checkbox"/> cover crops | <input type="checkbox"/> interplanting | <input type="checkbox"/> crop residues |
| <input type="checkbox"/> mined minerals | <input checked="" type="checkbox"/> compost | <input type="checkbox"/> on-farm manure | <input checked="" type="checkbox"/> off-farm manure |
| <input checked="" type="checkbox"/> soil amendments | <input checked="" type="checkbox"/> side dressing | <input checked="" type="checkbox"/> foliar fertilizers | <input checked="" type="checkbox"/> biodynamic preparations |
| <input type="checkbox"/> soil inoculants | <input type="checkbox"/> double digging | <input type="checkbox"/> other (specify) | <input type="checkbox"/> subsoiling |

Please elaborate (details as to when practices are performed, how frequently, rate of application, etc.):

Soil amendments annually once in April. Side dressing four times per year.
Foliar fertilizers May to July, once per month.
Biodynamic preparation in March and April.

What are your general soil/media types?

Cold Creek compost basic mix, Happy Frog, Royal Gold, Perlite #4.

How do you determine soil/nutrient deficiencies?

- | | | |
|---|--|---|
| <input type="checkbox"/> soil testing | <input type="checkbox"/> microbiological testing | <input type="checkbox"/> tissue testing |
| <input checked="" type="checkbox"/> observation of soil | <input checked="" type="checkbox"/> observation of crop health | <input type="checkbox"/> crop quality testing |
| <input checked="" type="checkbox"/> comparison of crop yields | <input type="checkbox"/> other (specify) | |

If you use fertilizers with high salt content (sodium nitrate, potassium sulfate, gypsum, etc.), how do you prevent salt built-up? Not applicable

We don't use high salt content products but if we did we would flush with water.

How are fertilizers stored on your farm?

In a gated and locked barn on a concrete floor.

B. CROP ROTATION PLANS

If you practice a crop rotation, please describe your strategies. Not applicable

We will rotate crops with organic produce.

C. COMPOST USE:

Do you source compost or build your own?

source build Not applicable (*skip to D. MANURE USE*)

If you source compost, from where?

If you build compost, please answer the following questions.

List all compost ingredients/additives.

Manure, worm castings, bat guano

What composting method do you use?

in-vessel static aerated pile windrows other (specify)

What is your Carbon to Nitrogen (C:N) ratio?

Unknown

Do you monitor temperature? Yes No

If yes, what temperature is maintained?

How long is this temperature maintained?

N/A

If compost is windrowed, how many times are materials turned? Not applicable

N/A

D. MANURE USE:**Do you source manure or collect manure from your own livestock?**

source collect Not applicable (*skip to Do you monitor fertility?*)

If you source manure, from where? If you collect manure, please answer the following questions.

What forms of manure do you use?

none liquid semi-solid piled
 fully composted pelleted other (specify)

List all sources of off-farm manure.

N/A

List all manure ingredients/additives.

N/A

Do you monitor fertility? yes no (skip to NATURAL RESOURCES)

If yes, how often? weekly monthly annually as needed other (specify)

Rate the effectiveness of your fertility management program.

excellent satisfactory needs improvement

What changes do you anticipate?

Unknown

NATURAL RESOURCES

A. BIODIVERSITY MANAGEMENT: WHOLE FARM CONSIDERATIONS

Does your site plan include features such as hedgerows, woodlands, wetlands, riparian zones, and special habitats? Yes No

Are you aware of sensitive habitat or species of special concern on your property (e.g. vernal pools, long eared owl)? Yes No

If yes, please list.

Do you take steps to plan/provide for biodiversity conservation? Yes No

If yes, how?

- understand farm's location within watershed
- ascertain what native plants and animals existed on the land before it was a farm
- learn about regional natural areas and conservation priorities
- work with neighbors/others to enhance biodiversity (connectivity, restoration, etc.)
- other (specify)

Organic garden

Please elaborate:

--

Do you manage water for the needs of crops/livestock, native species and riparian ecosystems? Yes No

If yes, how?

- plant regionally appropriate crops
- conserve water manage water for priority species
- retain/restore vegetated riparian buffers/wetlands
- protect/improve natural hydrology/ecological function of riparian area
- other (specify)

Please elaborate:

B. BIODIVERSITY MANAGEMENT: UNCULTIVATED AREA BIODIVERSITY

Do you take actions to provide habitat for pollinators, insect predators, birds and bats?
 Yes No

If yes, how?

- bird/bat/bee boxes
- hedgerows/windbreaks
- maintain/provide natural roosting/nesting/foraging sites
- other (specify)

Plant pollinators

Please elaborate:

Have you been restoring and/or protecting natural areas? Yes No

If yes, how?

- manage for native plants/wildlife specific to the site
- preserve/restore wildlife corridors
- establish legal conservation areas
- other (specify)

Please elaborate:

Do you have problems with invasive weeds? Yes No

If yes, please list.

Do you have problems with predators or other wildlife? Yes No

If yes, please list.

Do you take actions to control invasive plant/animal species, especially those threatening natural areas? Yes No

If yes, how?

- learn about invasives
- use weed- and pest-free seed/planting stock/soil amendments/mulches
- monitor for new introductions and control immediately
- suppress invasives using organic methods
- other (specify)

Please elaborate:

C. BIODIVERSITY MANAGEMENT: CULTIVATED AREA BIODIVERSITY

Do you use farm practices that benefit and provide habitat for wildlife? Yes No

If yes, how?

- companion planting/intercropping
- crop diversity
- wildlife-friendly fences
- manage fallow fields for wildlife
- avoid nests during breeding season
- stagger mowing/tilling practices\
- plan fields to leave food/cover for wildlife
- other (specify)

Please elaborate:

D. SOIL CONSERVATION

Do you practice soil conservation? Yes No

If yes, how?

- | | | | |
|--|---|---|---|
| <input type="checkbox"/> terraces | <input type="checkbox"/> contour farming | <input type="checkbox"/> strip cropping | <input type="checkbox"/> winter cover crops |
| <input type="checkbox"/> firebreaks | <input type="checkbox"/> undersowing/interplanting | <input type="checkbox"/> conservation tillage | |
| <input type="checkbox"/> windbreaks | <input checked="" type="checkbox"/> tree lines | <input type="checkbox"/> permanent waterways | |
| <input type="checkbox"/> riparian management | <input checked="" type="checkbox"/> retention ponds | <input type="checkbox"/> other (specify) | |
| | <input checked="" type="checkbox"/> maintain wildlife habitat | | |

Please elaborate:

Do you experience problems with soil erosion? Yes No

If yes, why and on which sites? Please describe any mitigation efforts.

Do you conduct soil conservation monitoring? Yes No

If yes, how often?

weekly monthly annually as needed other (specify)

Rate the effectiveness of your soil conservation program.

excellent satisfactory needs improvement

What changes do you anticipate?

N/A

E. WATER USE

What do you use water for?

irrigation livestock foliar sprays greenhouse other (specify)

Source of Water:

on-site well(s) river/creek spring pond municipal/county
 irrigation district rainwater catchment other (specify)

Type of irrigation system:

none drip flood center pivot other (specify) _____

Do you store water? Yes No

If yes, how is water stored?

We plan to store water in a tank but its not installed at this time.

Do you monitor water use? Yes No

If yes, how? What is your anticipated water use?

Timers

Drought tolerant planting

What inputs are applied through the irrigation system?

PH balance, organic veg, organic flowering, nutrients

What products do you use to clean irrigation lines/nozzles?

None

What practices are used to protect water quality?

- | | |
|--|--|
| <input checked="" type="checkbox"/> fencing livestock from waterways | <input checked="" type="checkbox"/> scheduled use of water to conserve its use |
| <input checked="" type="checkbox"/> drip irrigation | <input type="checkbox"/> micro-spray |
| <input checked="" type="checkbox"/> hand watering | <input type="checkbox"/> (specify) _____ |

List known contaminants in water supplies in your area. Attach residue analysis and/or salinity test results, if applicable

We are not aware of any contaminants.

How do you determine the effectiveness of your water quality program?

We have Municipal water so that is monitored by Willow Water. The spring water has been tested by Alpha Labs.

How often do you conduct water quality monitoring?

weekly monthly annually as needed

Rate the effectiveness of your water quality program.

excellent satisfactory needs improvement

What changes do you anticipate?

None

F. ENERGY USE

What types of energy do you use?

grid solar generator other (specify)

If you use a generator, please describe what measures you take to suppress the sound:

N/A

If you use a generator, how are spent oil, used oil filters, expired batteries and other hazardous materials managed? How is fuel stored on your farm?

N/A

If you use a generator, how are leaks and spills managed?

N/A

WEED AND PEST MANAGEMENT

A. WEED MANAGEMENT PLAN:

What weed control methods do you use?

Tiling, weed eating, mowing

USE OF WEED MANAGEMENT STRATEGIES:

If you use plastic or other synthetic mulches, is the mulch removed at the end of the growing or harvest season? Yes No

If no, why not

N/A

Who applies herbicides on your farm?

personally employees I don't use herbicides

Where are herbicides stored on your farm? Not applicable

How do you monitor the effectiveness of your weed management program?

- weed counts
- observation of weed types
- comparison of crop yields
- records kept of observations/counts
- other (specify)

Rate the effectiveness of your weed management program:

excellent satisfactory needs improvement

What changes do you anticipate?

None

B. PEST AND DISEASE MANAGEMENT PLAN**What are your known problem pests/pathogens?**

None

Do you work with a pest control advisor? Yes No

If yes, give name and contact information.

What strategies do you use to control pest damage to crops?

- | | | | |
|--|--|---|---|
| <input type="checkbox"/> crop rotation | <input type="checkbox"/> genetic resistance | <input checked="" type="checkbox"/> habitat for natural enemies | <input type="checkbox"/> timing of planting |
| <input type="checkbox"/> companion planting | <input type="checkbox"/> frog ponds | <input checked="" type="checkbox"/> bat houses | <input checked="" type="checkbox"/> bird houses |
| <input checked="" type="checkbox"/> hand picking | <input checked="" type="checkbox"/> monitoring | <input type="checkbox"/> trap crops | <input type="checkbox"/> physical barriers |
| <input type="checkbox"/> traps | <input checked="" type="checkbox"/> physical removal | <input type="checkbox"/> lures | <input type="checkbox"/> insect repellents |
| <input type="checkbox"/> animal repellents | <input type="checkbox"/> release of pest predators | | <input type="checkbox"/> use of chemicals |
| <input type="checkbox"/> other (specify) _____ | | | |

Please elaborate:

What strategies do you use to control pathogen damage to crops?

- | | | | |
|---|--|---|---|
| <input type="checkbox"/> crop rotation | <input type="checkbox"/> field sanitation | <input type="checkbox"/> plant spacing | <input type="checkbox"/> genetic resistance |
| <input type="checkbox"/> timing of planting | <input type="checkbox"/> vector management | <input type="checkbox"/> soil balancing | <input type="checkbox"/> solarization |
| <input type="checkbox"/> companion planting | <input type="checkbox"/> compost/tea use | <input type="checkbox"/> use of chemicals | <input checked="" type="checkbox"/> other (specify) _____ |

Please elaborate:

Neem

Do you keep a record of how often you utilize these pest control methods, i.e., dates when you scout or apply inputs to a specific site or crop? Yes No

Spray Neem once/week.

Who applies pesticides, fungicides or other biocides on your farm?

- personally employees I don't use those

How are pesticides, fungicides or other biocides stored on your farm? Not applicable

How do you monitor the effectiveness of your pest management program?

Attach copies of your test results, if applicable.

- crop quality testing insect monitoring with traps observation of crop health soil testing
 microbiological testing observation of soil comparison of crop yields
 monitoring records kept other (specify) _____

How often do you conduct pest monitoring?

- weekly monthly annually as needed other (specify) _____

Rate the effectiveness of your pest/pathogen management program.

- excellent satisfactory needs improvement

What changes do you anticipate?

None

CERTIFIED MENDOCINO COUNTY GROWN – SUSTAINABLY FARMED CERTIFICATION

The Mendocino County Department of Agriculture will use this document as a first step in evaluating whether an operation qualifies for the "Certified Mendocino County Grown" sustainably farmed certification. In order to qualify, a cultivator must:

1. maintain or improve soil quality over time
2. take action to enhance on-farm biodiversity
3. use only inputs (including fertility inputs) approved by the National Organic Program.

Keep in mind that the California Department of Pesticide Regulation has put together a list of legal pesticides approved for use on cannabis that is more restrictive than approved pesticides for Certified Organic food production. Thorough answers are encouraged in the 'please elaborate' sections provided below the checkbox answers.

- I am interested in the sustainably farmed certification
 I am not interested in the sustainably farmed certification

INPUTS

List all soil mix ingredients, rooting hormones, fertility products, foliar sprays, and weed, disease and pest management inputs used.

DIANE CURRY
Interim Agricultural
Commissioner

ARIF KEVER
Assistant Agricultural
Commissioner
Assistant Sealer of Weights &
Measures



**COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE**

CONTACT INFORMATION
890 N Bush Street
Ukiah, California 95482
TELEPHONE: (707) 234-6830
FAX: (707) 463-0240

Email: agcomm@co.mendocino.ca.us
Web: www.co.mendocino.ca.us

PROPERTY OWNER CONSENT FORM TO ALLOW CANNABIS CULTIVATION

I, _____, declare under penalty of perjury that:

1. I am the record title owner of the property located at:

(Physical Address)

Mendocino County, California, APN _____, or the title owner is a trust or business entity named, _____
And I have been duly authorized to represent such trust or business entity for purposes of executing this document.

2. I, or the trust or business entity I represent, am aware that the applicant is in the process of applying to the Mendocino County Department of Agriculture for a permit to cultivate medical cannabis on the property described above in conformance with all the provisions of Chapters 10A.17 and 20.242 of the Mendocino County Code.
3. I, or the trust or business entity I represent, understand that, as the owner of the parcel containing a Medical Cannabis Cultivation Site, I am required to sign this agreement in order for the applicant's application to go forward and understand that I may be liable under local, state, or federal law for the cannabis cultivation activities I am allowing on my property.

Signed this _____ day of _____, 20____

(Landowner Signature)

(Renter Signature)

- DIANE CURRY
Interim Agricultural
Commissioner
-

- ARIF KEVER
Assistant Agricultural
Commissioner
Assistant Sealer of Weights &
Measures



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AFFIDAVIT

CULTIVATION PURSUANT TO APPLICATION FOR 10A.17 PERMIT

By affixing my signature to this affidavit, I hereby declare that:

1. I have submitted an application to the Mendocino County Department of Agriculture for a permit to cultivate medical cannabis pursuant to Mendocino County Code Chapter 10A.17.
2. I affirm that my application packet for a cultivation permit pursuant to Mendocino County Code Chapter 10A.17 either meets the requirements to obtain such cultivation permit or that I am actively in the process of fulfilling such requirements.
3. All cannabis cultivation activities that I, my agents or employees conduct pursuant to a permit from the Mendocino County Department of Agriculture shall be solely for medicinal purposes and all cannabis products produced by me, my agents or employees are intended to be consumed solely by qualified patients entitled to the protections of the Compassionate Use Act of 1996 (codified at Health and Safety Code section 11362.5).
4. All cannabis cultivation activities conducted by me, my agents or employees shall be conducted in conformance with the requirements of Mendocino County Code Chapter 10A.17 and with the California Medical Cannabis Regulation and Safety Act.
5. All cannabis or cannabis products under my control or the control of my agents or employees, and cultivated pursuant to Mendocino County Code Chapter 10A.17 and the California Medical Cannabis Regulation and Safety Act will be distributed within the State of California.

I declare under penalty of perjury, under the laws of the State of California, that the information provided on this affidavit is true and correct and that I am authorized to sign on behalf of the entity listed below.

Affiant Signature: 

Printed Name: Chris Gurr

Official representative signing for all members of: _____

Date: April 28, 2017

(Affix Seal here)

Department Use Only	
Parcel(s) #	
Application #	



COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE
(Rev. 04/17/2017)

FINGERPRINT WORKSHEET

Name of Applicant:	Chris Gurr	
Business Address:	1181 Boonville Rd	
	City: <u>Ukiah</u>	State: <u>CA</u>
	Zip: <u>95482</u>	

Note to Applicant:

The following people must have LiveScan fingerprints taken: applicant or any individual engaged in the management of, or employed by, the cultivator. The following will result in a failed LiveScan: "a violent felony as defined in Penal Code section 667.5(c) within the State of California, or a crime that would have constituted a violent felony as defined in Penal Code section 667.5(c) if committed in the State of California and is not currently on parole or felony probation. A conviction within the meaning of this section means a plea or verdict of guilty or a conviction following a plea of nolo contendere (10A.17.090(M))."

The Department of Agriculture is in the process of obtaining Department of Justice (DOJ) clearance to receive results directly. In the interim, applicants must bring results issued by the DOJ to the Department of Agriculture for a pass or fail determination. Results must be submitted to the Department of Agriculture prior to a permit being issued.

LiveScan Request Form:

https://oag.ca.gov/sites/all/files/agweb/pdfs/fingerprints/forms/bcia_8016RR.pdf

DOJ Approved LiveScan Locations:

<https://oag.ca.gov/fingerprints/locations?county=Mendocino>

Please provide the following information regarding individuals from your cultivation operation that will need to have fingerprints taken:

Name	Title	Date Fingerprints Taken

Note: please return this form and a copy of LiveScan receipts to the Department of Agriculture once all fingerprints have been taken.



STATE OF CALIFORNIA
BCIA 8016RR
(orig. 04/2001; rev. 10/2014)

DEPARTMENT OF JUSTICE
Page 1 of 2

REQUEST FOR LIVE SCAN SERVICE (Record Review or Foreign Adoption)

Applicant Submission

CA0349435

ORI (Code assigned by DOJ)

Type of Application (Check One Only) Record Review Foreign Adoption

Medical cannabis permit

Reason for Application

Contributing Agency Information:

DEPARTMENT OF JUSTICE

Agency Authorized to Receive Criminal Record Information

P.O. BOX 903417

Street Address or P.O. Box

SACRAMENTO

CA 94203-4170

City

State ZIP Code

07041

Mail Code (five-digit code assigned by DOJ)

RECORD REVIEW UNIT

Contact Name (mandatory for all school submissions)

(916) 227-3835

Contact Telephone Number

Applicant Information:

Gurr

Last Name

Other Name
(AKA or Alias)

Last

July 25, 1956

Date of Birth

Sex Male Female

6'1"
Height

200
Weight

Hazel
Eye Color

Brown
Hair Color

Dougherty County, GA 257-98-2385

Place of Birth (State or Country)

Social Security Number

417 W. 3rd Ave.
Street Address or P.O. Box

Chris

First Name

O

Middle Initial

Suffix

Christen

First

Y4259856

Driver's License Number

Misc. Number (Other Identification Number)

(404) 617-0303

Telephone Number

Albany

City

GA 31701

State ZIP Code

Level of Service: DOJ Only

If re-submission, list original ATI number (Must provide proof of rejection):

Original ATI Number

Foreign Government Embassy: (Mandatory for Foreign Adoption requests pursuant to Penal Code section 11105(c)(12))

Designee -- Do not include Employer: (Optional for individual designated by applicant to Penal Code section 11124)

Designee or Embassy Name

Street Address or P.O. Box

City

State

Country

ZIP Code

Telephone Number

Live Scan Transaction Completed By:

Name of Operator

Date

Transmitting Agency

LSID

ATI Number

Amount Collected/Billed



STATE OF CALIFORNIA
BCIA 8016RR
(orig. 04/2001; rev. 10/2014)

DEPARTMENT OF JUSTICE
Page 2 of 2

REQUEST FOR LIVE SCAN SERVICE (Record Review or Foreign Adoption)

Privacy Notice

Collection and Use of Personal Information. The Record Review Unit in the Department of Justice collects the information requested on this form as authorized by Penal Codes 11121 and 11105(C)(12). The Record Review Unit uses this information to process applications pertaining to Live Scan service for record review or foreign adoption. In addition, any personal information collected by state agencies is subject to the limitations in the Information Practices Act and state policy. The Department of Justice's general privacy policy is available at: <http://oag.ca.gov/privacy-policy>.

Providing Personal Information. All the personal information requested in the form must be provided.

Access to Your Information. You may review the records maintained by the Record Review Unit in the Department of Justice that contain your personal information, as permitted by the Information Practices Act. See below for contact information.

Possible Disclosure of Personal Information. In order to process applications pertaining to Live Scan service for record review or foreign adoption, we may need to share the information you give us with other government agencies.

The information you provide may also be disclosed in the following circumstances:

- In response to a Public Records Act request, as allowed by the Information Practices Act;
- To another government agency as required by state or federal law;
- In response to a court or administrative order, a subpoena, or a search warrant.

Contact Information. For questions about this notice or access to your records, you may contact the Record Review Unit via telephone at (916) 227-3835 or by mail at:

Department of Justice
Bureau of Criminal Information & Analysis
Record Review Unit
P.O. Box 903417
Sacramento, CA 94203-4170



COUNTY OF MENDOCINO
DEPARTMENT OF PLANNING AND BUILDING SERVICES
860 NORTH BUSH ST · UKIAH · CALIFORNIA · 95482
120 WEST FIR ST · FORT BRAGG · CALIFORNIA · 95437

IGNACIO GONZALEZ, INTERIM DIRECTOR
Telephone 707-234-6500
Fax 707-463-5709
Ft. Bragg Phone 707-964-5379
Ft. Bragg Fax 707-961-2427
pbs@co.mendocino.ca.us
www.co.mendocino.ca.us/planning

SITE PLAN REQUIREMENTS

Your application for a building permit must include an 8½" x 11" site plan. The information shown on the site plan should be legible, drawn to scale and must show the following:

- Property owner's name, property address and Assessor's Parcel Number/s (APNs)
- Legal parcel configuration clearly shown with *all* property boundaries, dimensions and acreage.
- Adjacent streets, both public and private, and any access easements.
- Utility lines and public utility easements. (Power, water, sewer, etc.)
- Distance from the centerline of any public or private roadway to property line
- Proposed structure or addition, including the distance from property lines and other structures.
- All *existing* structures clearly labeled with use and distance from property line.
- Driveways, parking and loading areas, including the size of parking spaces and setbacks from property lines.
- Existing and proposed septic systems, leach field (including replacement field) and wells with distances from structures.
- Location of any signs for commercial use, and distances to property lines.
- Fences and retaining walls.
- Extent of Flood Plain (if applicable)
- Lakes, ponds or streams, to be identified with names if appropriate.
- North arrow
- Scale (if applicable)

Site plans which WILL NOT be acceptable:

- Copies from the CALFIRE application
- Portions of larger, scaled site plans. (Must show entire boundary of parcel)
- Copies of site plans previously used with approval signatures from previous building permits.
- Copies of previously used site plans with "white out" areas.

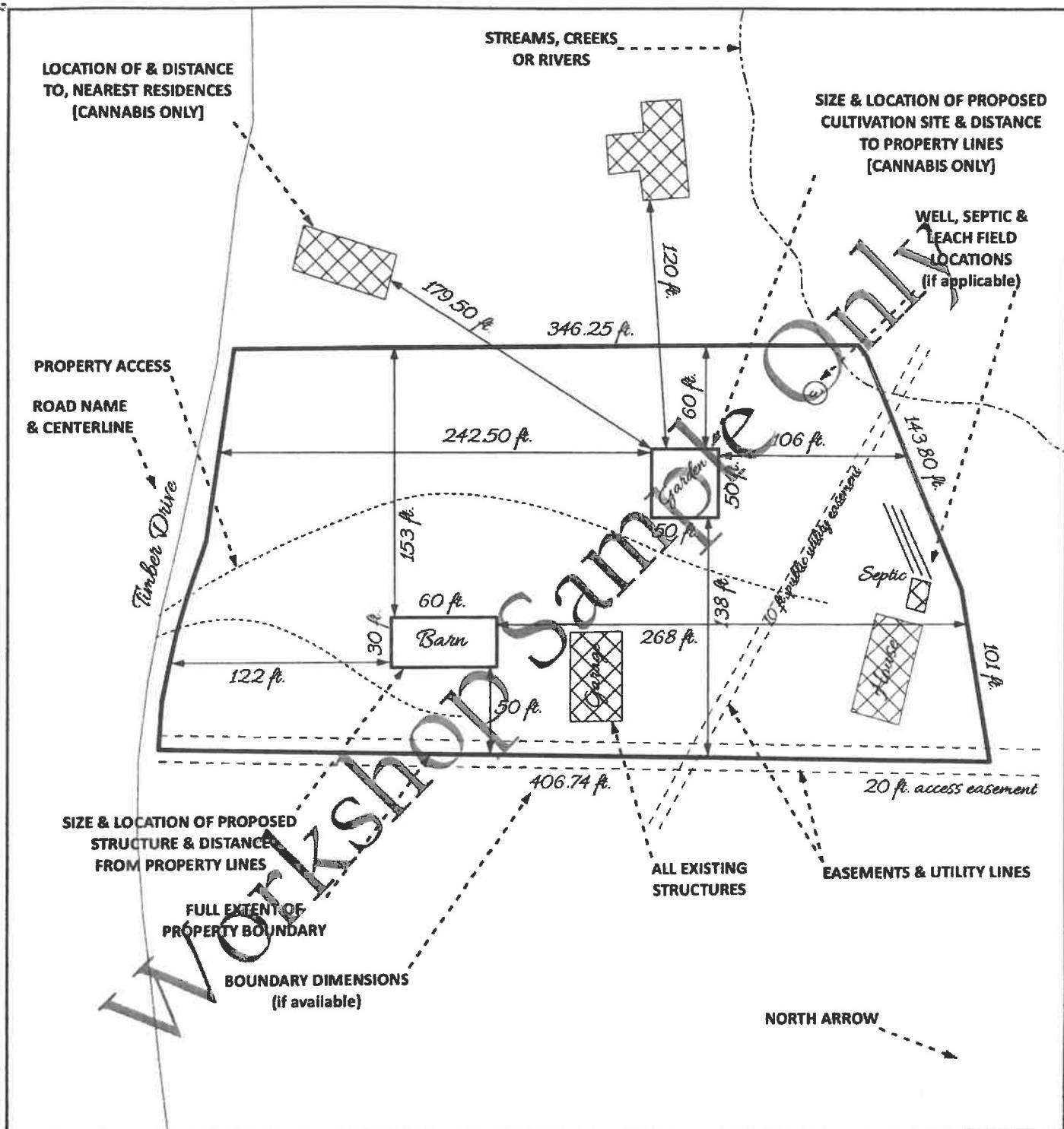
NOTE: Upon submission and review, staff may request more information before processing the application.

FAILURE TO INCLUDE ANY OF THE REQUIRED INFORMATION MAY RESULT IN THE REJECTION OF YOUR APPLICATION AND THE DELAY OF PROCESSING YOUR BUILDING PERMIT APPLICATION, OR INVALIDATE YOUR APPROVED BUILDING PERMIT.

See reverse for Sample Site Plan >

SITE PLAN

PERMIT NO: _____

SAMPLE SITE PLAN**SITE PLAN MUST INCLUDE ALL INFORMATION RELEVANT TO SITE**

APPLICANT: _____

APN/S (LEGAL PCL.): _____

CULTIVATION SITE ADDR: _____

ZONING INFORMATION	
OFFICE USE ONLY	
ZONING: _____	FRONT: _____
ACREAGE: _____	REAR: _____
CORRIDOR: _____	SIDE: _____



**COUNTY OF MENDOCINO
DEPARTMENT OF PLANNING AND BUILDING SERVICES**
860 NORTH BUSH STREET • UKIAH • CALIFORNIA • 95482
120 WEST FIR STREET • FT. BRAGG • CALIFORNIA • 95437

IGNACIO GONZALEZ, INTERIM DIRECTOR
TELEPHONE: 707-234-6650
FAX: 707-463-5709
FB PHONE: 707-964-5379
FB FAX: 707-961-2427
pbs@co.mendocino.ca.us
www.co.mendocino.ca.us/planning

PROPERTY PROFILE - ASSESSOR PARCEL NO. 0010501400

OWNER: COUNTY OF MENDOCINO

APPLICANT: COUNTY OF MENDOCINO **AGENT:**

REQUEST:

SITE ADDRESS: 501 LOW GAP RD, UKIAH

ACREAGE:

GENERAL PLAN: **ZONING:** **COASTAL ZONE:**

EXISTING USES: **SUPERVISORIAL DISTRICT:**

TOWNSHIP: **RANGE:** **SECTION:** **USGS QUAD#:**

CALFIRE RESPONSIBILITY AREA: **MS4 AREA:** **SPLIT ZONES:**

WILLIAMSON ACT: / **RELATED CASES ON SITE:**

SETBACK INFORMATION

FRONT YARD: **REAR YARD:**

LEFT YARD: **RIGHT YARD:** **CORRIDOR**

PRESERVATION: **HEIGHT LIMITATION:**

ZONING CLEARANCE APPROVAL

The PROPOSED USE for parcel (APN) is:

ZONING CLEARANCE APPROVED (circle one): **YES** **NO**

Prepared by Planner: _____ Date: _____

BUILDING DIVISION CLEARANCE

The Building Division has reviewed the address file and has the following comments:

Building Inspector: _____ Date: _____

ENVIRONMENTAL DATA (to be completed by Planner)

		COUNTY WIDE
Yes	No	
		1. Alquist-Priolo Earthquake Fault Zone – Geotechnical Report #GS _____
/		2. Floodplain/Floodway Map –Flood Hazard Development Permit #FP _____
		3. Within/Adjacent to Agriculture Preserve / Timberland Production
		4. Within/Near Hazardous Waste Site
		5. Natural Diversity Data Base
		6. Airport CLUP Planning Area – ALUC# _____
<input type="checkbox"/>	<input type="checkbox"/>	7. Adjacent to State Forest/Park/Recreation Area.
<input type="checkbox"/>	<input type="checkbox"/>	8. Adjacent to Equestrian/Hiking Trail.
<input type="checkbox"/>	<input type="checkbox"/>	9. Hazard/Landslides Map
<input type="checkbox"/>	<input type="checkbox"/>	10. Require Water Efficient Landscape Plan.
<input type="checkbox"/>	<input type="checkbox"/>	11. Biological Resources/Natural Area Map.
<input type="checkbox"/>	<input type="checkbox"/>	12. Fire Hazard Severity Classification: <input type="checkbox"/> LRA <input type="checkbox"/> SRA-CDF#
<input type="checkbox"/>	<input type="checkbox"/>	13. Soil Type(s)/Pygmy Soils.
<input type="checkbox"/>	<input type="checkbox"/>	14. Wild and Scenic River.
<input type="checkbox"/>	<input type="checkbox"/>	15. Specific Plan Area.
<input type="checkbox"/>	<input type="checkbox"/>	16. State Permitting Required/State Clearinghouse Review
<input type="checkbox"/>	<input type="checkbox"/>	17. Oak Woodland Area
		COASTAL ZONE
Yes	No	
		16. Exclusion Map.
		17. Coastal Groundwater Study Zone.
		18. Highly Scenic Area/Special Communities.
<input type="checkbox"/>	<input type="checkbox"/>	19. Land Capabilities/Natural Hazards Map.
<input type="checkbox"/>	<input type="checkbox"/>	20. Habitats/ESHA/Resources Map.
<input type="checkbox"/>	<input type="checkbox"/>	21. Appealable Area/Original Jurisdiction Map.
<input type="checkbox"/>	<input type="checkbox"/>	22. Blayney-Dyett Map.
<input type="checkbox"/>	<input type="checkbox"/>	23. Ocean Front Parcel (Blufftop Geology).
<input type="checkbox"/>	<input type="checkbox"/>	24. Adjacent to beach/tidelands/submerged land/Public Trust Land.
<input type="checkbox"/>	<input type="checkbox"/>	25. Noyo Harbor/Albion Harbor.

SHARI L. SCHAPMIRE
TREASURER-TAX COLLECTOR



JULIE FORRÈSTER
ASSISTANT TREASURER-TAX
COLLECTOR

MENDOCINO COUNTY TREASURER-TAX COLLECTOR
501 LOW GAP RD., ROOM #1060, UKIAH, CA 95482
(707) 234-6848

Special Notice to Medical Cannabis Cultivators

As you are aware, on November 8, 2016, Measure AI was passed by Mendocino County voters; this measure imposed a cannabis business tax on commercial cannabis businesses located in the unincorporated area of the County. The framework for this tax measure was adopted by the Mendocino County Board of Supervisors on August 2, 2016, codified in Ordinance No. 4361. Per Ordinance No. 4361, tax on commercial cannabis cultivation, excluding nurseries, shall be imposed as follows:

Section 6.32.050(B)(1)

Every person who cultivates commercial cannabis in the unincorporated area of the County shall pay an annual commercial cannabis business tax. The initial tax rate effective January 1, 2017 through June 30, 2020, shall be set at two and one half percent (2.5%) of the gross receipts per fiscal year; provided, however, that cultivators shall pay not less than the following amounts:

- a. *Persons cultivating less than or equal to two thousand five hundred (2,500) square feet of cannabis shall pay a tax of no less than one thousand two hundred fifty dollars (\$1,250) per growing cycle.*
- b. *Persons cultivating two thousand five hundred one (2,501) square feet and up to five thousand (5,000) square feet of cannabis shall pay a tax of no less than two thousand five hundred dollars (\$2,500) per growing cycle.*
- c. *Persons cultivating more than five thousand (5,000) square feet of cannabis shall pay a tax of no less than five thousand dollars (\$5,000) per growing cycle.*

While the business tax measure became effective January 1, 2017, the above-mentioned section applicable to medical cannabis cultivation had not been imposed as the cultivation framework had not been adopted by the Mendocino County Board of Supervisors. This notice serves to inform all medical cannabis cultivators that the Board did adopt Ordinance No. 3081 - Ordinance Adopting Chapter 10A.17 – Medical Cannabis Cultivation Ordinance and Chapter 20.242 – Medical Cannabis Cultivation Site on April 4, 2017. Per Government Code §25123, this ordinance shall become effective 30 days from the date of final passage.

Therefore, effective May 4, 2017, the above-mentioned cannabis business tax shall be imposed on all medical cannabis cultivators. Please complete the Commercial Cannabis Cultivation Business Tax Registration Form included herewith and return the form, as well as your application fees, to the above address. Additional information relating to the cannabis business tax will be provided as it becomes available.

Feel free to contact this office directly with any questions or concerns you may have.

Dated this 14th day of April, 2017
Shari L. Schapmire, Treasurer-Tax Collector



Mendocino County Treasurer-Tax Collector
501 Low Gap Road, Room #1060
Ukiah, CA 95482
(707) 234-6848

Commercial Cannabis Cultivation Business Tax Registration Form

Business Name:	Goose Head Valley Corporation		
Business Mailing Address:	1181 Boonville Rd (Street Address or Post Office Box)		
	Ukiah (City)	CA (State)	95482 (Zip Code)
Business Telephone Number:	(404) 617-0303		
Business Physical Location:	1181 Boonville Rd (Street Address)		
	Ukiah (City)	CA (State)	95482 (Zip Code)
Business Email Address:	gurr.chris@gmail.com		
Business Contact Person:	Chris Gurr		
Parcel Number of Physical Location:	18519212		
Permit Type:	2-B		
Number of Annual Growing Cycles:	2-3		

I declare, under penalty of perjury, that the above is true and correct to the best of my knowledge and belief.



Authorized Signature

Chris Gurr

Printed Name

May 1, 2017

Date of Signature

President

Title
(March 2017)

Exhibit B



Mendocino County
Department of Agriculture
890 N. Bush St.
Ukiah CA 95482
(707) 234-6830

File No: AG_2017-0069
Cultivation site: 1181 BOONVILLE RD, UKIAH, CA 95482
Permit Type: 2B LARGE MIXED LIGHT
Date: 5/4/2017

Application Receipt

This receipt, when signed and embossed, certifies that the Department of Agriculture is in receipt of an application to cultivate cannabis at the above listed address. The garden at this site is considered to be in compliance, or working towards compliance until such time as a permit is issued or denied.

Receipt issued to: GOOSE HEAD VALLEY CO.
GURR CHRISTEN
1181 BOONVILLE RD, UKIAH, CA 95482

Signed:

A handwritten signature in black ink that reads "Diane C. Curry".

Diane Curry, Interim Agricultural Commissioner

Exhibit C

THE McEDWARDS GROUP

1025 Hearst Willits Road
Willits, CA 95490
License #743428
707/354-4618
themcedwardsgroup@comcast.net

August 13, 2017
Job No. 2040.01.01

Anne Marie Borges and Christian Gurr
1181 Booneville Road
Ukiah, CA 95482

Pumping of Irrigation Well
1181 Boonville Road
Ukiah, California

Dear Ms. Borges and Mr. Gurr,

This letter reviews a July 25, 2017 State of California Department of Fish and Wildlife (CDFW) memorandum from Wesley Stokes to Warden Hemphill regarding the irrigation well on your property at 1181 Boonville Road affecting the flow in nearby Richardson Creek.

Mr. Stokes states that the well is located in a broad flood plain, is about 30 feet deep, has a static water level about 15 feet deep, is located about 175 feet from the creek, is equipped with a two-horsepower pump that, in his experience, is capable of producing 50 gallons per minute, and that Mr. Gurr informed him that about 1500 gallons per day (gpd) was pumped from the well to irrigate crops. Mr. Stokes also states that the water level in the creek is about 10 feet below the adjacent floodplain and that flow in the creek was visually estimated to be about 100 gallons per minute (gpm). It appears that based on these observations alone, that Mr. Stokes concluded that "... this water withdrawal is likely a substantial diversion of natural streamflow." Mr. Stokes goes on to define substantial diversions as "those that occur during periods of low flow or cause a visual or measurable change in streamflow." Mr. Stokes then states that such substantial diversions "... are subject to "CDFW's Lake or Streambed Alteration Program pursuant to Fish and Game Code section 1602(a)."."

We have several comments regarding Mr. Stokes' conclusions and statements. We also have additional comments that may help to better understand the physical setting. These comments are presented below in no particular order.

1. Flow Rate of Well

1500 gpd from the well is very nearly 1 gpm ($60 \times 24 = 1400$) continuous flow, which amount is 1 percent of the 100 gpm creek flow estimated visually by Mr. Stokes. Assuming that the 1gpm is actually diverted from the creek, which we dispute, we ask if 1 percent of the 100 gpm "visually estimated" streamflow flow is considered "substantial" by CDFW. A flow of 1 gpm is 1/5 to 1/10 of the flow from a garden hose under normal water pressure.

2. Depth of Water in Creek

The reported water depth of about 10 feet in the creek is 5 feet less than the reported static water level depth in the well. This indicates that Robinson Creek is a losing creek which means water may be flowing from the creek into its banks. It does not mean that this difference in water depth is caused by diversion (capture) of creek water by the well pumping at 1 gpm located about 170 feet distant from the creek.

3. Subsurface Streamflow

Mr. Stokes states "Based upon its shallow depth and floodplain location, it is likely that the well is intercepting subsurface streamflow ..."

The term "subsurface streamflow" is misleading. Mr. Stokes appears to consider groundwater flow toward the creek as "subsurface streamflow" as if the flow is destined solely to replenish the creek and for no other purpose such as irrigation via a well, and any interception of a portion of this flow is diversion. There is no such thing as subsurface streamflow except below the streambed in the stream channel. By his misguided understanding, almost every well can be considered diverting water from a stream, no matter its location, because all groundwater eventually flows to streams or to lakes/ponds which are drained by streams.

Mr. Stokes has done no hydrogeologic studies to determine the 1 gpm capture zone (discussed below) of the well as affected by the hydraulic gradient of the groundwater flow regime. He states that diversion is "likely" and based on this assumption determines that filing of a Form 1602(a) is required. With a pumping rate of 1 gpm at a location 170 feet from the creek, substantial diversion of water from the creek flowing at 100 gpm is not even remotely likely.

4. Diversion in Excess of Surface Flow

Mr. Stokes states "Based on the estimates of the pump capacity and water demand, the diversion could divert an amount of water that is in excess of surface flow during seasonally low flow periods."

This statement is without foundation. As explained above, there is no diversion of water from the creek - there is only pumping of groundwater that resides within the sediments of the floodplain, which groundwater, if left unaffected, would eventually (years from now) reach the creek. Mr. Stokes does not understand the physical mechanisms at work. He seems to think that because the well pump may be able to pump 50 gpm it will be pumped at 50 gpm. The well will be pumped at the demand rate that he reported. Pumping beyond this demand rate would be uneconomical and would not be sensibly done.

5. No Visible or Measurable Change Reported

That diversion is not occurring by pumping from the irrigation well is further supported by Mr. Stokes not reporting any visible or measurable change in flow in Richardson Creek.

6. Capture Zone Analysis

A cone of depression in the groundwater table forms around a well when it is pumped. This cone combines with the slope of the water table to establish a groundwater capture zone. The attached Figure 6, taken from the publication *A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems* (EPA 600/R-08/003) illustrates this concept. Knowing the transmissivity, hydraulic gradient (slope of water table), and the pumping rate, the steady-state dimensions of the capture zone can be calculated. The attached Figure 14 of the EPA publication shows these calculations. Although these calculations apply to a confined aquifer, they can be used to approximate the flow conditions in an unconfined aquifer having high transmissivity. Based on the limited drawdown at a high pumping rate shown in a recent pump test on the well, we believe the 30 foot deep well penetrates a gravel and/or a coarse sand. A reasonable value for hydraulic conductivity for these materials is 0.1 feet per minute. Multiplying 0.1 feet per minute by a well depth of 30 feet gives a transmissivity, T, of 3 feet squared per minute. A reasonable value for the hydraulic gradient, i, is 0.001. For a flow rate of 1 gpm or 1/7.48 cubic feet per minute we get a capture zone width at the well of 22 feet $1/7.48/2/3/0.001$ – see Figure 14). Using these same numbers, we get the distance to the stagnation point to be 7 feet. This means that greater and seven feet downgradient of the well, groundwater is not pumped by the well and is not hydraulically connected to the well flow. Under any reasonably representative values for transmissivity and hydraulic gradient, the well pumping at 1 gpm will not be hydraulically connected to the creek.

Based on the topography of the floodplain, we believe the local groundwater flow direction to be at an acute angle to the creek. This means that distance downgradient from the well to the creek may be greater than the 175 feet distance to the creek mentioned in the memorandum.

7. Neighboring Wells Are Also Near the Creek

Below are photographs of three neighboring wells that also relatively close to the creek.

Date & Time: Sun Aug 13 12:10:16 PDT 2017

Position: +039.09619° / -123.20884°

Altitude: 598ft

Datum: WGS-84

Azimuth/Bearing: 018° N18E 0320mils (True)

Elevation Angle: -07.5°

Horizon Angle: -02.3°

Zoom: 1X

well 1



Date & Time: Sun Aug 13 12:51:44 PDT 2017

Position: +039.09485° / -123.20904°

Altitude: 606ft

Datum: WGS-84

Azimuth/Bearing: 319° N41W 5671mils (True)

Elevation Angle: -05.6°

Horizon Angle: -00.1°

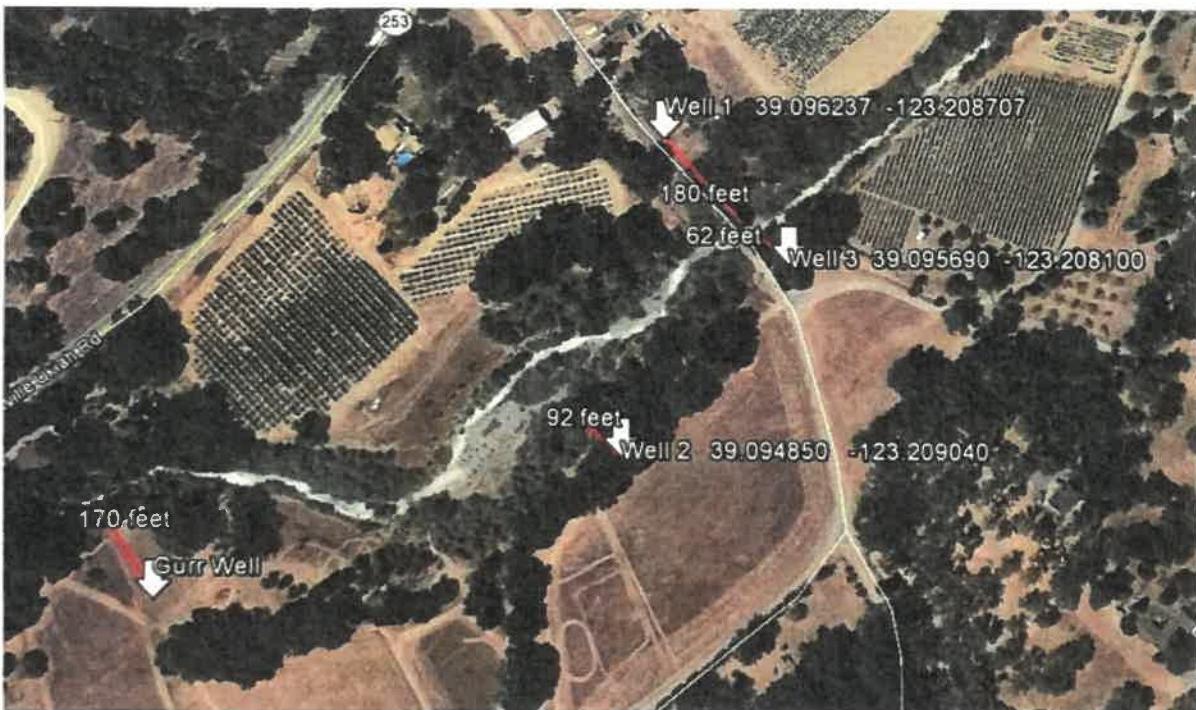
Zoom: 1X

well 2





Below is a Google Earth image of the locations of the three wells and the Gurr well showing their distances from the creek.



As is evident in the image, Well 2 and Well 3 are closer to creek than is the Gurr well and Well 1 is only 10 feet more distant than the Gurr well. All three of these wells are plainly visible when driving to the Gurr residence, yet CDFW did not require their owners to file a Form 1602(a) or take any administrative action against them. We question what is special about the Gurr well that required the filing of Form 1602(a). It appears that what is different about the Gurr well is that it was used to irrigate cannabis plants. This appears to be a case of punitive enforcement of questionably applicable regulations by the CDFW.

8. Water Sample Analysis Results

Standard mineral analysis was done on water samples from the creek and from the Gurr well. The laboratory results and chain-of-custody form are attached. A tabulation of sixteen constituent values that can be compared between wells is given below. Concentration units are milligrams per liter unless otherwise stated.

	Robinson Creek	Gurr Well	Detection Limit	Well/Creek % Ratio
Metals				
Calcium	22	21	1.0	95
Iron	<0.1	3.9	0.1	3900
Magnesium	9.0	12.0	1.0	133
Manganese	<0.02	0.4	0.02	2200
Potassium	1.3	1.0	1.0	77
Sodium	8.4	14	1.0	167
Conventional Chemistry				
Bicarbonate	110	130	5.0	181
Hardness, Total	92	101	5.0	110
Total Dissolved Solids	110	140	10	127
Total Alkalinity as CaCO ₃	89	100	5.0	112
Specific Conductance	210	240	20 umhos/cm	114
Total Anions	2.15	2.40		112
Total Cations	2.24	2.64		118
Anions				
Chloride	5.5	6.5	0.05	118
Fluoride	0.15	0.13	0.10	87
Sulfate as SO ₄	10.0	7.3	0.50	72

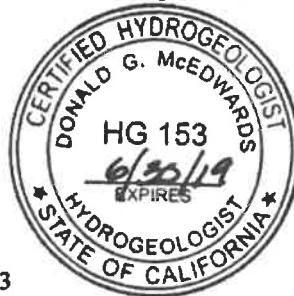
Of the sixteen constituent values compared, twelve are greater in the well sample than in the creek sample. This means that the water in the well is distinct from the water in the creek. Of particular note is the presence of iron and manganese in the well sample and their absence in the creek sample.

If you have any questions, please call.

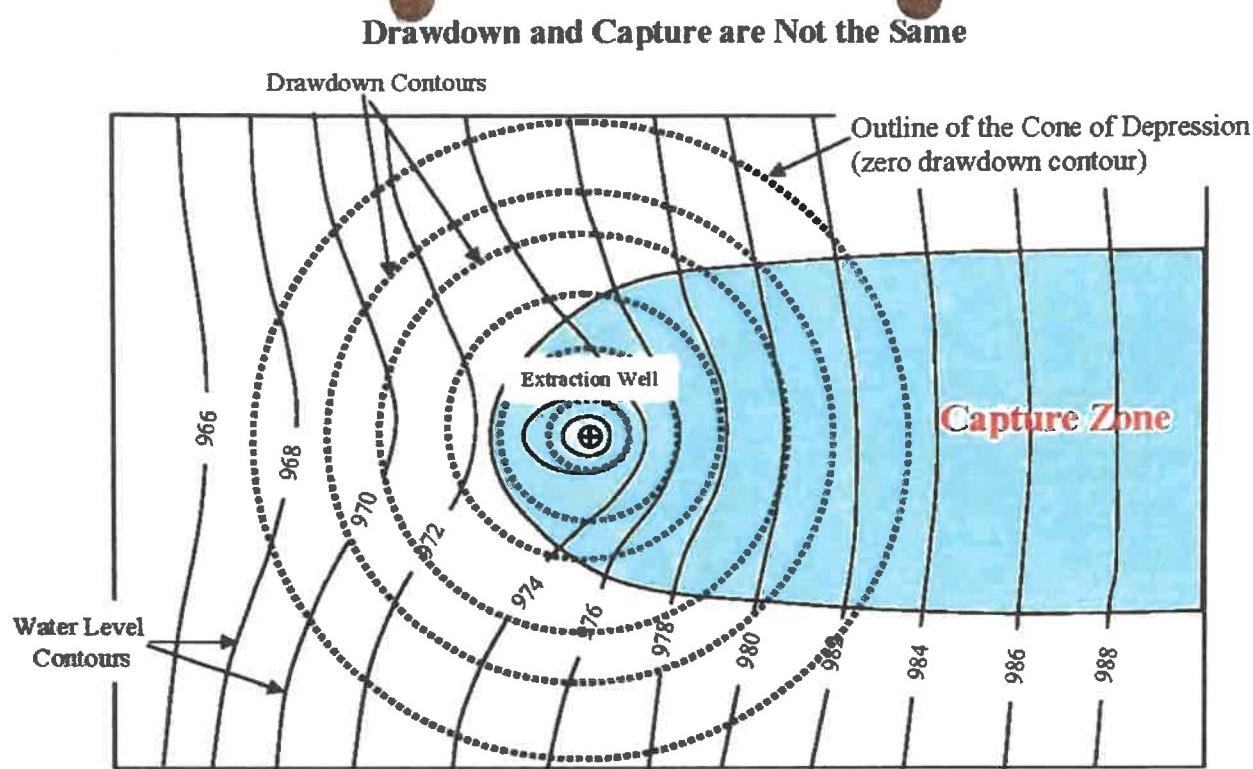
Very Truly Yours,
The McEdwards Group

Donald G. McEdwards

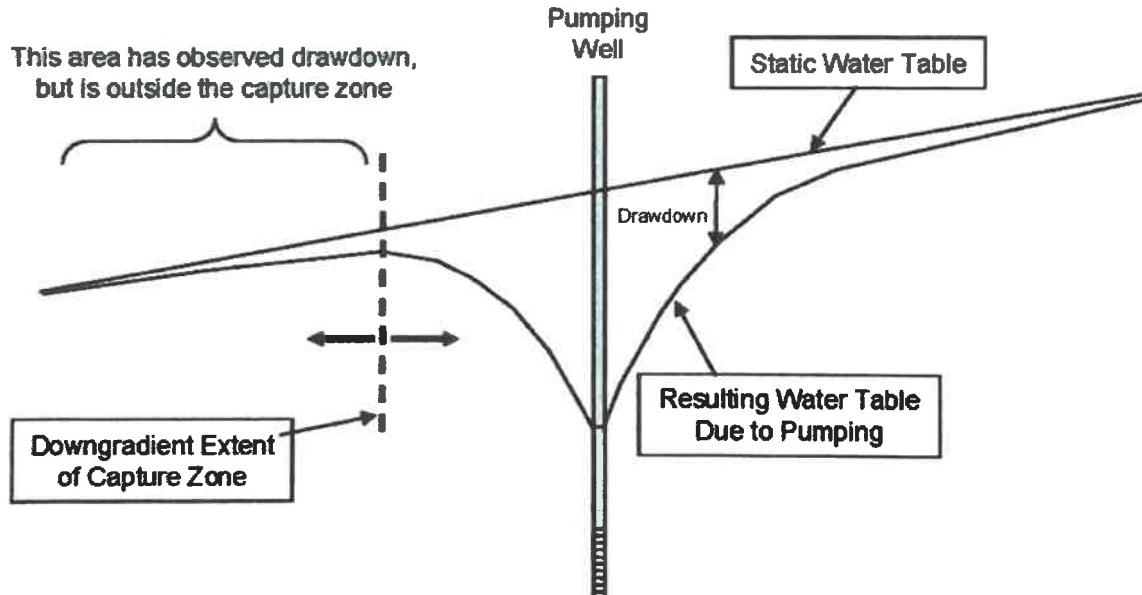
Donald G. McEdwards, Ph.D., CE 28088, RG 3872, EG 1208, HG 153



Attachments: Figures 6 and 14 of EPA 600/R-08/003
 Alpha Analytical Laboratory report and Chain-of-Custody form
 Resume of Donald G. McEdwards



Cross-Section View: Difference Between Drawdown and Capture



Drawdown is the change of water level due to pumping. It is calculated by subtracting water level under pumping conditions from the water level without pumping.

Cone of Depression is the region where drawdown due to pumping is observed.

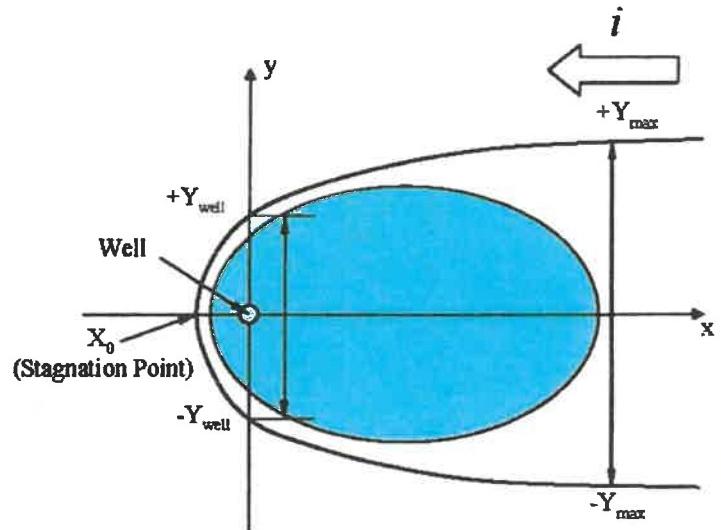
Capture Zone is the region that contributes the ground water extracted by the extraction well(s). It is a function of the drawdown due to pumping and the background (i.e., without remedy pumping) hydraulic gradient. The capture zone will only coincide with the cone of depression if there is zero background hydraulic gradient.

Figure 6. Drawdown and capture are not the same

Capture Zone Width Calculation, One Extraction Well

Assumptions:

- homogeneous, isotropic, confined aquifer of infinite extent
- uniform aquifer thickness
- fully penetrating extraction well(s)
- uniform regional horizontal hydraulic gradient
- steady-state flow
- negligible vertical gradient
- no net recharge, or net recharge is accounted for in regional hydraulic gradient
- no other sources of water introduced to aquifer due to extraction (e.g., from rivers or leakage from above or below)



$$x = \frac{-y}{\tan\left(\frac{2\pi Ti}{Q}y\right)} \quad -\text{or}- \quad y = \pm\left(\frac{Q}{2Ti}\right) - \left(\frac{Q}{2\pi Ti}\right)\tan^{-1}\left(\frac{y}{x}\right)$$

$$X_0 = -Q/2\pi Ti \quad ; \quad Y_{\max} = \pm Q/2Ti \quad ; \quad Y_{\text{well}} = \pm Q/4Ti$$

(must use consistent units, such as "ft" for distance and "day" for time)

Where:

- Q = extraction rate
 T = transmissivity, $K \cdot b$
 K = hydraulic conductivity
 b = saturated thickness
 i = regional (i.e., pre-remedy-pumping) hydraulic gradient
 X_0 = distance from the well to the downgradient end of the capture zone along the central line of the flow direction
 Y_{\max} = maximum capture zone width from the central line of the plume
 Y_{well} = capture zone width at the location of well from the central line of the plume

The above equation is used to calculate the outline of the capture zone. Solving the equation for $x = 0$ allows one to calculate the distance between the dividing streamlines at the line of wells ($2 \cdot Y_{\text{well}}$) and solving the equation for $x = \infty$ allows one to calculate the distance between the dividing streamlines far upstream from the wells ($2 \cdot Y_{\max}$). One can also calculate the distance from the well to the stagnation point (X_0) that marks the downgradient end of the capture zone by solving for x at $y = 0$. For any value of y between 0 and Y_{\max} , one can calculate the corresponding x value, allowing the outline of the capture zone to be calculated.

Figure 14. Capture zone width calculation, one extraction well.



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267
Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309
Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

ELAP Certificates 1551, 2728, and 2922

11 August 2017

The McEdwards Group

Attn: Don McEdwards

1025 Hearst-Willits Rd

Willits, CA 95490

RE: Standard Mineral

Work Order: 17G2655

Enclosed are the results of analyses for samples received by the laboratory on 07/28/17 11:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanette L. Poplin For Sheri L. Speaks

Project Manager



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

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Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

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The McEdwards Group
1025 Hearst-Willits Rd
Willits, CA 95490

Project Manager: Don McEdwards
Project: Standard Mineral
Project Number: [none]

Reported:
08/11/17 16:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1811 Stream	I7G2655-01	Water	07/28/17 10:45	07/28/17 11:15
1811 Well	I7G2655-02	Water	07/28/17 10:40	07/28/17 11:15



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

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Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

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The McEdwards Group
1025 Hearst-Willits Rd
Willits, CA 95490

Project Manager: Don McEdwards
Project: Standard Mineral
Project Number: [none]

Reported:
08/11/17 16:25

	Result	Reporting Limit	Dilution	Batch	Prepared	Analyzed	Method	Note
1811 Stream (17G2655-01)								
Metals by EPA 200 Series Methods								
Calcium	22 mg/L	1.0	1	AG74166	07/31/17 06:37	08/09/17 16:32	EPA 200.7	
Iron	ND mg/L	0.10	1	AG74166	07/31/17 06:37	08/09/17 16:32	EPA 200.7	
Magnesium	9.0 mg/L	1.0	1	AG74166	07/31/17 06:37	08/09/17 16:32	EPA 200.7	
Manganese	ND mg/L	0.020	1	AG74166	07/31/17 06:37	08/09/17 16:32	EPA 200.7	
Potassium	1.3 mg/L	1.0	1	AG74166	07/31/17 06:37	08/09/17 16:32	EPA 200.7	
Sodium	8.4 mg/L	1.0	1	AG74166	07/31/17 06:37	08/09/17 16:32	EPA 200.7	
Conventional Chemistry Parameters by APHA/EPA Methods								
Bicarbonate	118 mg/L	5.0	1	AH73217	08/03/17 08:00	08/03/17 17:00	SM2320B	
Carbonate	ND mg/L	5.0	1	AH73217	08/03/17 08:00	08/03/17 17:00	SM2320B	
Hardness, Calcium	55 mg/L	3	1	AG74166	07/31/17 06:37	08/09/17 16:32	SM2340B	
Hardness, Magnesium	37 mg/L	3	1	AG74166	07/31/17 06:37	08/09/17 16:32	SM2340B	
pH	8.82 pH Units	1.68	1	AH73216	07/28/17 16:00	07/28/17 17:00	SM4500-H+B	T-14
Specific Conductance (EC)	210 μ mhos/cm	20	1	AH73216	07/28/17 16:00	07/28/17 17:00	SM2510B	
Total Anions	2.15 meq/l	1.00	1	AH73258	08/03/17 09:29	08/10/17 15:52	SM1030E	
Total Cations	2.24 meq/l	1.00	1	AG74166	07/31/17 06:37	08/09/17 16:32	SM1030E	
Total Dissolved Solids	110 mg/L	10	1	AH73186	08/02/17 08:20	08/11/17 10:30	SM2540C	
Turbidity	0.50 NTU	0.10	1	AH73216	07/28/17 16:00	07/28/17 17:00	SM2130B	
Bicarbonate Alkalinity as CaCO ₃	39 mg/L	5.0	1	AH73217	08/03/17 08:00	08/03/17 17:00	SM2320B	
Carbonate Alkalinity as CaCO ₃	ND mg/L	5.0	1	AH73217	08/03/17 08:00	08/03/17 17:00	SM2320B	
Hydroxide Alkalinity as CaCO ₃	ND mg/L	5.0	1	AH73217	08/03/17 08:00	08/03/17 17:00	SM2320B	
Total Alkalinity as CaCO ₃	39 mg/L	5.0	1	AH73217	08/03/17 08:00	08/03/17 17:00	SM2320B	
Hardness, Total	92 mg/L	5	1	AG74166	07/31/17 06:37	08/09/17 16:32	SM2340B	



Alpha Analytical Laboratories Inc.

e-mail: clientservices@alpha-labs.com

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267
 Bay Area: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309
 Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

The McEdwards Group 1025 Hearst-Willits Rd Willits, CA 95490	Project Manager: Don McEdwards Project: Standard Mineral Project Number: [none]	Reported: 08/11/17 16:25
1811 Stream (17G2655-01)	Result	Reporting Limit
		Dilution
		Batch
		Prepared
		Analyzed
		Method
		Note
Actions by EPA Method 300.0	Sample Type: Water	Sampled: 07/28/17 10:45
Chloride	5.5 mg/L	0.50
Fluoride	0.15 mg/L	0.10
Nitrate as N	ND mg/L	0.20
Sulfate as SO4	16 mg/L	0.50
1811 Well (17G2655-02)	Sample Type: Water	Sampled: 07/28/17 10:40
Metals by EPA 200 Series Methods		P-82
Calcium	21 mg/L	1.0
Iron	3.9 mg/L	0.10
Magnesium	12 mg/L	1.0
Manganese	0.44 mg/L	0.020
Potassium	ND mg/L	1.0
Sodium	14 mg/L	1.0
Conventional Chemistry Parameters by APHA/EPA Methods		
Bicarbonate	130 mg/L	5.0
Carbonate	ND mg/L	5.0
Hardness, Calcium	51 mg/L	3
Hardness, Magnesium	50 mg/L	3
pH	7.36 pH Units	1.68
Specific Conductance (EC)	240 μ mhos/cm	20
Total Anions	2.40 meq/l	1.00
Total Cations	2.64 meq/l	1.00
Total Dissolved Solids	148 mg/L	10
Turbidity	16 NTU	0.10
Bicarbonate Alkalinity as CaCO3	100 mg/L	5.0
Carbonate Alkalinity as CaCO3	ND mg/L	5.0
Hydroxide Alkalinity as CaCO3	ND mg/L	5.0
Total Alkalinity as CaCO3	100 mg/L	5.0
Hardness, Total	101 mg/L	5

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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The McEdwards Group
1025 Hearst-Willits Rd
Willits, CA 95490

Project Manager: Don McEdwards
Project: Standard Mineral
Project Number: [none]

Reported:
08/11/17 16:25

	Result	Reporting Limit	Dilution	Batch	Prepared	Analyzed	Method	Note
1811 Well (17G2655-02)								
Anions by EPA Method 300.0								
Sample Type: Water								
Chloride	6.5 mg/L	0.50	1	AG74156	07/29/17 03:32	07/29/17 03:32	EPA 300.0	
Fluoride	0.13 mg/L	0.10	1	AG74156	07/29/17 03:32	07/29/17 03:32	EPA 300.0	
Nitrate as N	ND mg/L	0.20	1	AG74156	07/29/17 03:32	07/29/17 03:32	EPA 300.0	
Sulfate as SO4	7.2 mg/L	0.50	1	AG74156	07/29/17 03:32	07/29/17 03:32	EPA 300.0	



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Central Valley: 9090 Union Park Way, Suite 113, Elk Grove, CA 95624 • Phone: (916) 686-5190 • Fax: (916) 686-5192

The McEdwards Group
1025 Hearst-Willits Rd
Willits, CA 95490

Project Manager: Don McEdwards
Project: Standard Mineral
Project Number: [none]

Reported:
08/11/17 16:25

Notes and Definitions

- P-02 Sample acidified to pH <2 and allowed to sit 24 hours before further processing.
- T-14 Residual chlorine, dissolved oxygen, and pH must be analyzed in the field to meet the EPA specified 15 minute hold time.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Corporate Laboratory
200 Main Street, Utica
707-466-0401 Fx 707-466-0401
Email: clientservice@corporate-lab.com

ELAP Certifications
Utica 1551 / Dublin 277

Paid MC
Alpha Analytical Laboratories Inc.
www.alphalabs.com

Wants, Statements, Scales

Bay Area Laboratory
13395 Dougherty Rd #35, Dublin CA 94568
925-428-0220 F 925-428-0209

Central Valley Laboratory
5050 Union Park Hwy #15, Elk Grove CA
916-684-0100 F 916-684-0192

Corporate Laboratory
209 Main Street, Utah CA 95492
707-469-0491 F 707-469-5207
Email: clientservices@aphlab.com

Chain of Custody - Work Order

Reports and invoices delivered by email in PDF format
1762655 Pg 1 of 1

Report to		Involve to (if different)		Project Information		Signature below authorizes work under terms stated on reverse side.	
Company/Cient Name: The M. Edwards Group		Contact: David M. Edwards		Project ID:			
Attn:		Email address:		Project No:			
Address: 1025 Herbst Blvd WLLIB, CA 95441		PO Number:		Phone/Fax: 707 851-4615			
Email Address: Elementswellgroup@concent.net							
Field Sampler - Printed Name & Signature: David G. M. Edwards <i>David G. M. Edwards</i>		Sampling		Preservative		Matrix	
(Ex: Well Head, Kitchen Sink)		Date	Time	Acet. Vial	Poly	Glass	
811 STREAM		7/25/12 095					
811 WELL		7/25/12 090					
Sample Identification		Container		Soil			
				Water			
				None			
				Other			
				H2SO4			
				HNO3			
				HCl			
				Other			
				Sliver			
				Glass			
				Poly			
				Acet. Vial			
Retainer							
Received by		<i>David G. M. Edwards</i>					
Date		Time		State System Number:		CDPH Write On EDT Transmission?	
7/25/12		11:55		1117		<input checked="" type="radio"/> Yes <input type="radio"/> No	
Retainer							
Comments							
Global ID: EDF to (Email Address):							
Travel and Site Time:							
Misc. Supplies:							
Sampling Company Log Code:							

Standard Mineral

The following numbers are what the state recommends as maximum for drinking water. These are meant to give you a guideline only.

<u>Analysis</u>	<u>State recommends</u>
Bicarbonate	Not regulated by state
Carbonate	Not regulated by state
Chloride	250 mg/L
Specific Conductance	Acceptable..... 0 – 800 micromhos High in dissolved.. Over 800 micromhos minerals
Fluoride	1.4 mg/L
Nitrate as N	10 mg/L
pH	Acid..... Under 6.5 Slightly Acid.... 6.5 to 6.9 Neutral..... 7.0 Slightly Alkaline 7.1 to 8.0 Alkaline..... Over 8.0
Sulfate	250 mg/L
Total Dissolved Solids	Acceptable..... 0 – 500 mg/L High in dissolved.. Over 500 mg/L Minerals
Alkalinity	No recommended number
Turbidity	No recommended number
Calcium	No recommended number
Iron	EPA suggests a maximum of 0.3 mg/L for Public water systems
Hardness	Soft..... 0 – 50 mg/L Medium..... 50 – 100 mg/L Hard..... 100 – 200 mg/L Very Hard..... Over 200 mg/L
Potassium	No recommended number
Magnesium	No recommended number
Sodium	No official guidelines. Heart Association Suggests a maximum of 20 mg/L for People on sodium restricted diets.

THE McEDWARDS GROUP

1025 Hearst Willits Road

Willits, CA 95490

License #743428

Phone: (707) 354-4618

Fax: (707) 459-1084

RESUME

DONALD G. McEDWARDS
Principal Hydrogeologist/Engineer

EXPERIENCE SUMMARY

Dr. McEdwards has extensive experience in ground-water supply and ground-water quality investigations including site characterizations, water supply well siting, monitoring well design and installation, aquifer characterization, ground-water flow and contaminant transport modeling, and design and permitting of site remediation programs. He has managed projects involving assessing the extent of contamination; remediating soil and ground-water contamination by excavation, soil vacuum extraction, air sparging, groundwater containment by extraction, and inground bioremediation; verification monitoring; and site closure. He also has experience in surface water hydrology investigations, design of drainage facilities, mitigation of debris flow damage, and cost allocation of multi-source contaminant plumes. He has provided expertise in support of attorneys involved in litigating soil and groundwater contamination issues.

EDUCATION

University of California, Berkeley
Ph.D., Engineering Science, 1979
M.S., Engineering Science, 1973

California State University, Northridge
B.S., Geology, 1972

REGISTRATION & LICENSES (California)

Registered Geologist No. 3872
Certified Engineering Geologist No. 1208
Registered Civil Engineer No. 28088
Certified Hydrogeologist No. 153
Class A General Engineering Contractor (#743428)
Hazardous Materials Certification
Asbestos Abatement Certification

HAZARDOUS WASTE TRAINING

Forty-hour course following EPA requirements. Included training in physical, chemical, and toxicological properties of hazardous materials; hazard evaluation and control; selection and use of personal protective equipment, including self-contained breathing apparatus and fully encapsulating suits; sampling and monitoring techniques and equipment; and site entrance and decontamination procedures.

EXPERIENCE **1995 - Present**

The McEdwards Group, Willits, CA
Principal Hydrogeologist

1988 - 1995 Trans Tech Consultants, Santa Rosa, CA
Principal Hydrogeologist

1985 - 1987 Geohydrologic Services, Petaluma, CA
Principal Engineer/Geologist

1984 - 1985 TERA Corporation, Berkeley, CA
Senior Project Hydrogeologist

Donald G. McEdwards-Resume

1979 - 1984	Harding Lawson & Associates, Novato, CA Associate Engineer
1977 - 1979	Lawrence Berkeley Laboratory, Earth Sciences Division Berkeley, CA Staff Scientist II
1975 - 1977	Lee and Praszker, San Francisco, CA Senior Engineering Aide, University of California and Staff Engineer

REPRESENTATIVE PROJECTS

2260 ORDINANCE ROAD - Santa Rosa, CA

Installed six monitoring wells to define the extent of gasoline and diesel contamination. Conducted well tests using the wells and found the shallow aquifer to be moderately permeable and amenable to biodegradation. Using the well test data and proprietary computer programs, the flow rates, ground-water flow lines, and capture areas were calculated for an in-situ bioremediation program. Developed a remediation plan to extract clean water from perimeter wells, amend the water with nutrients and oxygen to promote bacterial growth, and inject the water into the tank excavation where the fuel leak occurred. The system was operated for a period of seven months, during which time the concentration of contaminants decreased from free floating product to laboratory reporting limits.

5580 ST. HELENA ROAD - Santa Rosa, Ca

Directed excavation of a septic tank contaminated with diesel fuel (delivery of diesel was made directly into the septic tank). Directed bioremediation of the tank contents to allow disposal as conventional septage. Managed investigation to determine extent of diesel contamination. Prepared and implemented an insitu bioremediation plan involving circulating amended water through the zone of contamination in a closed loop between injection and extraction trenches.

128 KENTUCKY STREET - Petaluma, CA

Managed excavation of diesel contaminated soil to 14 feet deep in area bounded an historic three-story building, a city vehicular right of way, a four-story building, and a pedestrian alley. To support the adjacent buildings and pavement, a series of cast-in-place concrete piles with cross bracing were installed on the perimeter of the excavation area. Oversaw preparation of structural drawings, obtained the necessary building permits, prepared contractor bid specifications, oversaw work of the excavation contractor, and arranged for disposal of excavated soil. Confirmation samples indicated that all contaminated soil was removed.

Harris Quarry, Willits, CA

Designed retention structure to accommodate storm water from a 20 year, 1 hour precipitation event for a hard rock quarry in Willits. Made use of the Intensity, Duration, and Frequency Curve Programs provided by the Office of Project Planning and Design, Department of Transportation, State of California. Represented quarry owners before the Sonoma County Planning Commission. Quarry permit to operate was approved.

GROUND-WATER CONTAMINATION STUDY - Livermore, CA

Assisted in the interpretation of hydrologic and chemical data from over 130 wells completed to depths ranging from 70 to 140 feet. Directed and analyzed well tests for newly installed wells. Directed abandonment of water supply wells that were cross-contaminating several aquifers.

Donald G. McEdwards-Resume

SURFACE WATER RUNOFF AND DEBRIS FLOW CHARACTERIZATION - San Rafael, CA

Evaluated probable frequency and volumes of debris flows and developed 100 year, 24 hour storm runoff for sizing debris catch basins for a residential development. Compared Soil Conservation Service Method with Rational Method and compared rain fall intensity data developed by USGS with rain fall intensity data used by CALTRANS.

PCB CONTAMINATION/GROUND WATER STUDY - Cloverdale, CA

Defined site stratigraphy and hydrogeology by installing borings and monitoring wells, conducting and interpreting pump tests and slug tests, and measuring ground-water levels. Characterized ground-water flow and contaminant migration. Prepared remedial action plan for submission to the California Regional Water Quality Control Board.

REMEDIAL ACTION DESIGN - Sonoma County, CA

Remedial Action Design, Sonoma County California. Developed flow model to calculate extraction well sweep areas for choosing optimum well placement and pumping rates for contaminated water removal at a wood treatment plant.

NUMERICAL SIMULATION STUDY - Santa Clara County, CA

Evaluated alternative ground-water extraction schemes and wrote final report for removal of chemical-laden ground water at a large industrial site in San Jose. The study involved simulating ground-water flow and chemical transport within a large ground-water basin and providing quantitative comparisons of alternative extraction schemes.

GROUND-WATER PROTECTION PLAN - Santa Clara County, CA

Defined stratigraphy and hydrogeology of site by installing monitoring wells, geophysically logging test borings and wells, conducting aquifer tests, and interpreting aquifer tests.

REMEDIAL ACTION MODELING/EXTRACTION WELL DESIGN - Point Molate, CA

Developed steady state model of ground-water flow around various structures for use in designing an extraction well system for petroleum-contaminated ground water at a U.S. Navy Fuel Depot.

AQUIFER CHARACTERIZATION - Bethel, AK

Managed field demonstration and wrote aquifer characterization plan for aquifer thermal energy storage demonstration project. Designed wells and well field, pressure and temperature instrumentation, well logging and well testing program, and laboratory testing program.

WATER RESOURCES STUDY, WATER RESOURCES DEPARTMENT - Diego Garcia

Analyzed precipitation data, soil hydraulic conductivity, and depth to fresh water-sea water mixing zone to recommend safe yield flow rate for wells supplying water for fire protection.

GROUND WATER RESOURCES DEVELOPMENT - Bridgeport, CA

Sited, logged, and pump-tested exploratory water well for U.S. Marine Corps Training Camp.

GEOOTHERMAL WELL PRODUCTION AND INTERFERENCE TESTING - Imperial Valley, CA

Analyzed observation well pressure changes caused by several production wells flowing at various rates. Determined global values of aquifer transmissivity and storativity.

CITY WATER WELL SITING - Rio Vista, CA

Conducted well interference tests on three city wells to locate a new city water well.

IT BENICIA LANDFILL E.I.R. - Benicia, CA

Developed analytical precipitation-ground-water discharge balance model to estimate the effective permeability of the native soils.

Donald G. McEdwards-Resume

GROUND-WATER CONTROL SYSTEM - Bakersfield, CA

Designed ground-water control system drainage blanket for drilling waste landfill.

GEOLOGICAL HAZARDS STUDY - Contra Costa County, CA

Conducted geological hazards study and capacity analysis for proposal sanitary landfill.

WELL TEST PROGRAM - Russian River, CA

Designed well test program to determine effective yield of proposed water supply wells sited in the channel.

EAST MESA GEOTHERMAL FIELD - Imperial Valley, CA

Conducted and analyzed several well production and interference tests at the field.

STRIPA MINE - Stora, Sweden

In support of nuclear storage studies, designed and assembled uphole instrumentation system to measure flow rate and pressures of double packer borehole injection tests in fractured granite.

Miscellaneous Projects

Wrote multiple-well variable-flow-rate well test analysis programs ANALYZE and PANAL. ANALYZE treats completely penetrating wells in isotropic confined aquifer; PANAL treats partially completed or limited-entry wells in anisotropic confined aquifer.

Conducted numerous fuel release site investigations and remediations involving drilling test borings, and installing, developing, and sampling monitoring wells.

Analyzed hydrologic well test data and wrote User's Guides to two computer programs: A well test analysis program (ANALYZE) and a two-phase geothermal reservoir simulation program (SHAFT 79).

Reviewed International Atomic Energy Commission draft document SG-S7 entitled "Nuclear Power Plant Siting - Hydrogeological Aspects" and provided extensive corrections and comments.

PUBLICATIONS

- 1976 Results of interference tests from two geothermal reservoirs. LBL-4484, SPE-6052, August 1976 (with T. N. Narasimhan and P. A. Witherspoon).
- 1976 Analysis of well tests with variable discharge. Presented at Geothermal Reservoir Engineering Workshop, Stanford University, Stanford, California, December 1976 (with C. F. Tsang).
- 1977 Results of reservoir evaluation tests, 1976 East Mesa Geothermal Field, California. LBL-6364, July 1977 (with T. N. Narasimhan).
- 1977 Variable flow well test analysis by a computer assisted matching procedure. LBL-5994, SPE-6547, April 1977 (with C. F. Tsang, T. N. Narasimhan, and P. A. Witherspoon).
- 1977 Variable-rate multiple-well testing analysis. LBL-7027, Proc., Invitational Well Test Symposium, October 19-21, 1977, Berkeley, California (with C. F. Tsang).
- 1977 Recent results from tests on the Republic geothermal wells, East Mesa, California. LBL-7017, December 1977 (with T. N. Narasimhan, R. C. Schroeder, C. G. Goranson, D. A. Campbell, and J. H. Barkman).

Donald G. McEdwards-Resume

- 1978 Results of two injection tests at the East Mesa KGRA. Proc., Second Invitational Well Test Symposium, 1978, Berkeley, California (with S. Benson).
- 1978 Geothermal resource and reservoir investigations of U.S. Bureau of Reclamation leaseholds at East Mesa, Imperial Valley, California. LBL-7094, October 1978 (Section 3 and Appendixes A, B, and C, with S. Benson).
- 1979 Multiwell variable rate well test analysis. Ph.D. dissertation, University of California, Berkeley, California.
- 1979 Multiwell variable rate well test analysis. SPE-8293, presented at the 54th Annual Conference in Las Vegas, Nevada, September 23-26, 1979.
- 1979 Multiple well variable rate well test analysis of data from the Auburn Thermal Energy Storage Program. LBL-10194, November 1979.
- 1981 User's Manual for ANALYZE - A variable-rate multiple-well least squares matching routine for well test analysis. LBL-10907, July 1981 (with S. Benson).
- 1984 Quantitative Comparison of Simulated Aquifer Restoration Schemes. Proc., National Water Well Association Conference on Practical Applications of Ground Water Models, August 15-17, 1984, Columbus, Ohio.
- 1988- Computer programs CAPTURE, MATCH2, and MATCH3.
- 1991 CAPTURE - Plots flow paths and travel times of ground-water particles to display the areal extent of ground-water capture at specified times.
- MATCH2 - Performs a least-squares fit of observed and calculated water level elevations to find values of aquifer permeability, thickness, and storage, and the elevation, gradient, and flow direction of the prepumping piezometric surface.
- MATCH3 - Performs a least-squares fit of observed and calculated chemical concentrations to find values of aquifer dispersivities, chemical source concentration and dimensions, and ground-water velocity.
- 2006 Patent for Rotapump, a surface mounted groundwater purging and sampling pump for use in small diameter monitoring wells (www.rotapump.com).

Exhibit D

Agreement Not to Resume Cannabis Cultivation

This Agreement Not to Resume Cannabis Cultivation ("Agreement") is entered into by and between Mendocino County ("County") and Ann Marie Borges ("Borges") on **November 01, 2017** ("Effective Date") to satisfy Mendocino County Code section 10A.17.080(e).

Recitals

WHEREAS, Borges previously cultivated cannabis on the real property commonly known as 26500 Reynolds Highway in Willits, California ("Original Site");

WHEREAS, Borges submitted an application to cultivate cannabis at 1181 Boonville Road in Mendocino County in 2017 ("Destination Site");

WHEREAS, all of Borges' cannabis cultivation activities at the Original Site have permanently ceased and the Original Site was restored by: (i) removing all equipment and trash or debris related to cannabis cultivation and restoring the relevant portion of the Original Site as is shown in the image attached hereto **Exhibit A**. No dams, ponds or streams were used in cannabis cultivation and no vegetation was removed because the cannabis was cultivated in pots;

WHEREAS, Borges and the County enter into this Agreement to satisfy Mendocino County Code section 10A.17.081(e).

Agreement

WHEREFORE, the County and Borges agree as follows:

1. **Release of Right to Cultivate Cannabis at the Original Site.** In consideration of obtaining a permit to cultivate cannabis at the Destination Site, Borges agrees to permanently relinquish any and all rights she may have to cultivate cannabis at the Original Site.

2. **Prohibition on Cultivation at the Original Site.** By entering into this Agreement, Borges acknowledges and agrees that she is permanently prohibited from cultivating cannabis on the real property commonly known as 26500 Reynolds Highway.

3. **Transfer of Cultivation Ability.** The County authorizes the transfer of Borges' ability to cultivate on the Original Site to the Destination Site. This transfer permanently extinguishes Borges' ability to claim proof of prior cultivation at the Original Site.

4. **Incorporation of Recitals.** The recitals set forth above are true and correct and are incorporated by this reference.

5. **Incorporation of Exhibits.** All exhibits to this Agreement are incorporated as if fully set forth herein by this reference.

6. Modification. Any modifications to this Agreement must be written and signed by every party to the Agreement.

7. Nontransferrability. This Agreement does not run with the land and may not be transferred or assigned.

DATED: MENDOCINO COUNTY

By:

Its:

DATED: ANN MARIE BORGES

10/31/17


Ann Marie Borges

Exhibit E

COMPLAINT RECEIVED

The Enforcement Division of the Fair Political Practices Commission received the enclosed complaint, COM-11212017-02271, on 11/21/2017 7:58:00 AM. The information filed in the complaint is below and any attachments filed will be included.

The Complainant is:
Chris Gurr

The Complaint was formally filed against:
Sue Anzilotti

The following individuals were listed as Witnesses:
Ann Marie Borges

Dan Hamburg

Diane Curry

Audie Haggard

The Violations alleged are:
Conflict of Interest
87306.5 - Conflict of Interest Code; Local

Unauthorized access and use of private information taken from a Department of Agriculture Medical Cannabis permit. Information was shared with the public and used against us in an attempt to keep us from getting our medical cannabis permit.

Conflict of Interest
87306.5 - Conflict of Interest Code; Local

Using her government position to influence decisions that would personally benefit her such as prohibiting us from getting our medical cannabis permit.

Conflict of Interest
87306.5 - Conflict of Interest Code; Local

Conducting private business on government time using Mendocino County government resources such as computers, email servers, telephone, etc. Instead of conducting her personal business on her personal time she conducting personal business on government time wasting taxpayer money.

Conflict of Interest
87306.5 - Conflict of Interest Code; Local

Violation of HIPAA (Health Insurance Portability and Accountability Act). Sue shared confidential medical information with our neighbors that was taken from our private medical cannabis application with the Department of Agriculture.

Conflict of Interest

87306.5 - Conflict of Interest Code; Local

Using her contacts within the Sheriff's Office as well as external State agencies such as CFWA (California Fish & Wildlife) and SWRCB (State Waterboard Resources Control Board) to ask for special favors to get us investigated and our permit denied.

Conflict of Interest

87306.5 - Conflict of Interest Code; Local

Ran background checks on friends and family members that visited us. Sue and other neighbors took pictures of any cars that were on our property and ran the license plate numbers through the Sheriff's office computer tracking system.

Conflict of Interest

87306.5 - Conflict of Interest Code; Local

Sue used Sheriff's email server to conduct private business in an attempt to keep us from getting our medical cannabis permit. She regularly communicated with Lieutenant Steve White of CFWA who was the supervisor in charge of the illegal raid conducted on our property August 10, 2017. Sue also regularly communicated with the Dept of AG, Building and Planning Dept, and Code Enforcement using the governments email server to conduct private business and find out the status of our permit being denied.

Conflict of Interest

87306.5 - Conflict of Interest Code; Local

Sue regularly attended Board of Supervisors meeting during the middle of the day while she was suppose to be working in the Sheriff's office. She made several 3 minute speeches stating falsehoods about me (character assassination) which are public record.

Conflict of Interest

87306.5 - Conflict of Interest Code; Local

Sue refused to perform our Live Scan fingerprints when we went to the Sheriff's office which is a requirement to get our medical cannabis permit. There were approximately 15 people in the waiting room to be fingerprinted and she did everybody but us. Again using her government position to discriminate against us and attempt to make it difficult to get our medical cannabis permit.

Conflict of Interest

87306.5 - Conflict of Interest Code; Local

Prior to knowing that we were enrolling in the medical cannabis permit program, she told us that she withheld the zip tie discount to Medical applicants because she hated cannabis growers. Another example of discrimination and anti-cannabis bias.



STATE OF CALIFORNIA
FAIR POLITICAL PRACTICES COMMISSION
1102 Q Street • Suite 3000 • Sacramento, CA 95811

November 22, 2017

Chris Gurr
via email at: gurr.chris@gmail.com

RE: FPPC File No. 17/1399; Sue Anzilotti

Dear Mr. Gurr:

This letter is to notify you that the Enforcement Division of the Fair Political Practices Commission will investigate the allegation(s), under the jurisdiction of the Commission, of the sworn complaint you submitted in the above-referenced matter. You will next receive notification from us upon final disposition of the case. However, please be advised that at this time we have not made any determination about the validity of the allegation(s) you have made or about the culpability, if any, of the person(s) you identify in your complaint.

Thank you for taking the time to bring this matter to our attention.

Sincerely,

GWest

Galena West, Chief
Enforcement Division

GW/ch

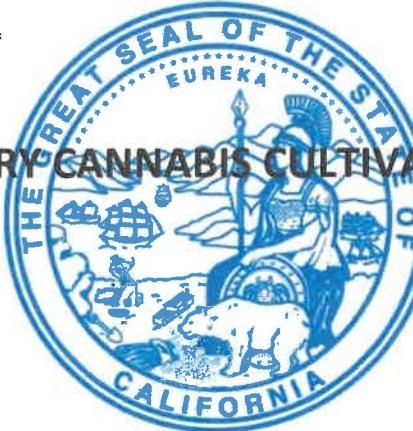
cc: Ms. Sue Anzilotti
via email at: anzilots@co.mendocino.ca.us

Exhibit F



CALIFORNIA DEPARTMENT OF
FOOD & AGRICULTURE

California Department of Food and Agriculture
1220 N Street
Sacramento, CA 95814



TEMPORARY CANNABIS CULTIVATION LICENSE

Legal Business Name:

Goose Head Valley Management, LLC

Premises APN:

Mendocino County - 18519212

Premises Address:

1181 Boonville Rd.
Ukiah, CA 95482

Valid:

01/23/2018 to 3/23/2019

License Number:

TML17-0001229

License Type:

Temporary-Small Mixed-Light Tier 2

---- NON-TRANSFERABLE ----

---- POST IN PUBLIC VIEW ----

Exhibit G

Harinder Grewal
Agricultural Commissioner
Sealer of Weights and Measures



PHONE (707) 234-6830
FAX (707) 463-0240
agcomm@mendocinocounty.org
www.mendocinocounty.org/ag

COUNTY OF MENDOCINO
DEPARTMENT OF AGRICULTURE
890 N. Bush Street
Ukiah, CA 95482

July 9, 2018

Chris Gurr
Ann Marie Borges
1181 Boonville Rd
Ukiah, CA 95482

Mr. Gurr and Ms. Borges,

This letter is to inform you that your application to cultivate cannabis (AG_2017-0069) at the above location (also known as Accessor Parcel Number 185-192-12-00) is being denied based on non-compliance with Chapter 10A.17's proof of prior cultivation requirement.

Proof of prior cultivation, as provided for by section 10A.17.080, paragraph (B) (1), has two primary elements: evidence of cultivation activities that existed on the legal parcel prior to January 1, 2016, and evidence of cultivation activities that currently exist on the legal parcel. The evidence of prior and current cultivation activities is to be provided for the same legal parcel.

This requirement is further explained on the County's cannabis cultivation website in the Frequently Asked Questions page (<https://www.mendocinocounty.org/business/cannabis-permits-and-licenses/cannabis-cultivation-faq>). Since July 2017, it has stated that in order to show proof of prior cultivation, a cultivator must show that the current cultivation activities and the cultivation activities prior to January 1, 2016, took place on the same legal parcel. The same Frequently Asked Questions page referenced above clarifies that when establishing proof of prior cultivation, the cultivation activities before and after January 1, 2016, must be the same legal parcel, and that parcel will become the origin site for purposes of relocation.

Proof of prior cultivation provided to the Department of Agriculture for your permit application does not include evidence of cultivation activities on the same legal parcel for both current cultivation and cultivation prior to January 1, 2016. Instead, the proof of prior cultivation worksheet on file with the Department refers to a property near Willits and states that photographic evidence from 1986-1987 was reviewed by the Department. However, current cultivation activities are occurring at a property near the Ukiah area located on Boonville Road, and it is the Department's understanding that you have not had cultivation activities at the Willits area property for many years. The proof of prior cultivation evidence provided for your application does not conform to the requirements of paragraph (B) (1) of section 10A.17.080, because the prior and current cultivation activities are not occurring on the same parcel.

As result of the denial of your cultivation permit application, you are prohibited from cultivating cannabis on your parcels in excess of the limitations of paragraph (B) or (C) of section 10A.17.030 of the Mendocino County Code.

Should you have any questions regarding this denial, please contact our office.



Harinder Grewal Ph.D., MBA
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